

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084464.D
 Acq On : 22 Oct 2024 19:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/23/2024
 Supervised By : Mahesh Dadoda 10/23/2024

Quant Time: Oct 23 01:33:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	164294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121314	49.801	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.600%		
35) Dibromofluoromethane	8.165	113	98194	52.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.060%		
50) Toluene-d8	10.565	98	356709	51.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.720%		
62) 4-Bromofluorobenzene	12.847	95	133216	53.166	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78025	40.150	ug/l	97
3) Chloromethane	2.360	50	98644	44.455	ug/l	97
4) Vinyl Chloride	2.512	62	100282	46.656	ug/l	99
5) Bromomethane	2.936	94	60529	42.694	ug/l	96
6) Chloroethane	3.107	64	65942	42.838	ug/l	96
7) Trichlorofluoromethane	3.495	101	169232	50.562	ug/l	98
8) Diethyl Ether	3.959	74	62844	50.626	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	96973	50.565	ug/l	100
10) Methyl Iodide	4.589	142	125719	50.904	ug/l	94
11) Tert butyl alcohol	5.530	59	89149	221.946	ug/l	99
12) 1,1-Dichloroethene	4.342	96	95402	51.573	ug/l	95
13) Acrolein	4.183	56	103638	224.751	ug/l	100
14) Allyl chloride	5.024	41	148364	46.181	ug/l	99
15) Acrylonitrile	5.718	53	266330	262.567	ug/l	99
16) Acetone	4.430	43	218038	208.362	ug/l	100
17) Carbon Disulfide	4.712	76	266930	45.577	ug/l	99
18) Methyl Acetate	5.030	43	117821	51.658	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	323323	51.785	ug/l	99
20) Methylene Chloride	5.277	84	111451	52.394	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	101076	52.154	ug/l	96
22) Diisopropyl ether	6.677	45	347126	52.237	ug/l	99
23) Vinyl Acetate	6.606	43	1307522	265.286	ug/l	100
24) 1,1-Dichloroethane	6.565	63	197001	53.012	ug/l	98
25) 2-Butanone	7.489	43	346199	242.901	ug/l	100
26) 2,2-Dichloropropane	7.489	77	154700	46.170	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	122830	52.449	ug/l	96
28) Bromochloromethane	7.812	49	80419	48.502	ug/l	98
29) Tetrahydrofuran	7.836	42	229263	260.658	ug/l	98
30) Chloroform	7.965	83	206986	53.621	ug/l	98
31) Cyclohexane	8.253	56	175264	48.574	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	183943	53.058	ug/l	99
36) 1,1-Dichloropropene	8.371	75	141201	52.000	ug/l	100
37) Ethyl Acetate	7.559	43	142788	51.256	ug/l	99
38) Carbon Tetrachloride	8.359	117	157033	52.719	ug/l	100
39) Methylcyclohexane	9.600	83	154691	51.186	ug/l	100
40) Benzene	8.606	78	450399	53.237	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084464.D
 Acq On : 22 Oct 2024 19:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 23 01:33:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/23/2024
 Supervised By : Mahesh Dadoda 10/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78582	51.960	ug/l	98
42) 1,2-Dichloroethane	8.671	62	152659	53.226	ug/l	99
43) Isopropyl Acetate	8.689	43	262069	48.029	ug/l	98
44) Trichloroethene	9.353	130	102007	51.623	ug/l	98
45) 1,2-Dichloropropane	9.618	63	109365	54.645	ug/l	96
46) Dibromomethane	9.706	93	76963	56.984	ug/l	97
47) Bromodichloromethane	9.888	83	165685	55.217	ug/l	96
48) Methyl methacrylate	9.683	41	115046	52.966	ug/l	98
49) 1,4-Dioxane	9.694	88	42320	1058.308	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	730055	275.291	ug/l	99
52) Toluene	10.630	92	284031	55.055	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	164344	53.730	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	179083	54.433	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	103486	55.954	ug/l	97
56) Ethyl methacrylate	10.871	69	171724	56.428	ug/l	98
57) 1,3-Dichloropropane	11.165	76	179794	54.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	356176	252.296	ug/l	97
59) 2-Hexanone	11.194	43	538548	271.707	ug/l	99
60) Dibromochloromethane	11.359	129	123673	56.595	ug/l	99
61) 1,2-Dibromoethane	11.471	107	105278	54.782	ug/l	99
64) Tetrachloroethene	11.106	164	91732	51.295	ug/l	96
65) Chlorobenzene	11.888	112	299927	52.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	106419	54.273	ug/l	98
67) Ethyl Benzene	11.965	91	538187	53.458	ug/l	98
68) m/p-Xylenes	12.071	106	415651	111.613	ug/l	99
69) o-Xylene	12.400	106	198143	56.237	ug/l	99
70) Styrene	12.412	104	341693	57.255	ug/l	98
71) Bromoform	12.576	173	82837	57.382	ug/l #	100
73) Isopropylbenzene	12.694	105	505467	51.046	ug/l	100
74) N-amyl acetate	12.494	43	220493	49.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	152487	51.213	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	125969m	47.550	ug/l	
77) Bromobenzene	12.976	156	122511	51.291	ug/l	95
78) n-propylbenzene	13.035	91	599366	52.243	ug/l	99
79) 2-Chlorotoluene	13.124	91	367237	50.163	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	433774	53.702	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51372	46.491	ug/l	98
82) 4-Chlorotoluene	13.218	91	374840	50.863	ug/l	98
83) tert-Butylbenzene	13.435	119	365550	50.918	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	439968	54.070	ug/l	99
85) sec-Butylbenzene	13.618	105	504290	52.640	ug/l	99
86) p-Isopropyltoluene	13.729	119	421808	53.246	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	229520	51.222	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	226918	50.147	ug/l	98
89) n-Butylbenzene	14.053	91	357432	49.759	ug/l	99
90) Hexachloroethane	14.335	117	77686	48.312	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	223667	50.906	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	29542	48.080	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	105936	48.951	ug/l	100
94) Hexachlorobutadiene	15.500	225	48172	44.635	ug/l	99
95) Naphthalene	15.641	128	348005	48.506	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105176	48.551	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
Data File : VN084464.D
Acq On : 22 Oct 2024 19:10
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/23/2024
Supervised By :Mahesh Dadoda 10/23/2024

Quant Time: Oct 23 01:33:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

