

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084029.D
 Acq On : 19 Sep 2024 12:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 13:35:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116542	52.399	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.800%			
35) Dibromofluoromethane	8.171	113	83648	49.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.160%			
50) Toluene-d8	10.565	98	300189	50.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.847	95	120164	49.436	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	78409	45.772	ug/l	99
3) Chloromethane	2.359	50	83266	47.508	ug/l	100
4) Vinyl Chloride	2.518	62	86987	46.328	ug/l	97
5) Bromomethane	2.942	94	53243	49.388	ug/l	99
6) Chloroethane	3.112	64	56913	43.211	ug/l	99
7) Trichlorofluoromethane	3.495	101	152421	47.823	ug/l	95
8) Diethyl Ether	3.965	74	54529	51.039	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	81559	48.279	ug/l	98
10) Methyl Iodide	4.595	142	105726	49.209	ug/l	96
11) Tert butyl alcohol	5.524	59	96822	325.089	ug/l	99
12) 1,1-Dichloroethene	4.342	96	77775	48.750	ug/l	97
13) Acrolein	4.177	56	30685	104.420	ug/l	97
14) Allyl chloride	5.024	41	126318	44.435	ug/l	92
15) Acrylonitrile	5.718	53	223491	275.928	ug/l	99
16) Acetone	4.424	43	205082	230.015	ug/l	97
17) Carbon Disulfide	4.712	76	199176	44.630	ug/l	98
18) Methyl Acetate	5.024	43	128420	69.866	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	302555	52.407	ug/l	100
20) Methylene Chloride	5.277	84	91838	50.335	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	80351	46.995	ug/l #	84
22) Diisopropyl ether	6.671	45	313507	53.573	ug/l	99
23) Vinyl Acetate	6.600	43	1098935	256.432	ug/l	99
24) 1,1-Dichloroethane	6.571	63	171473	50.860	ug/l	99
25) 2-Butanone	7.483	43	308236	263.029	ug/l	97
26) 2,2-Dichloropropane	7.494	77	88932	28.643	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	102108	50.308	ug/l	99
28) Bromochloromethane	7.812	49	73499	51.768	ug/l	97
29) Tetrahydrofuran	7.835	42	201151	290.296	ug/l	97
30) Chloroform	7.965	83	181899	50.820	ug/l	96
31) Cyclohexane	8.259	56	141878	44.137	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	166691	50.648	ug/l	98
36) 1,1-Dichloropropene	8.371	75	124069	48.369	ug/l	98
37) Ethyl Acetate	7.559	43	129666	55.691	ug/l	97
38) Carbon Tetrachloride	8.365	117	143052	49.158	ug/l	97
39) Methylcyclohexane	9.600	83	130820	44.807	ug/l	97
40) Benzene	8.606	78	376110	48.716	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084029.D
 Acq On : 19 Sep 2024 12:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 13:35:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74757	54.286	ug/l	98
42) 1,2-Dichloroethane	8.671	62	146676	50.843	ug/l	99
43) Isopropyl Acetate	8.688	43	246926	58.524	ug/l	98
44) Trichloroethene	9.353	130	86117	48.168	ug/l	96
45) 1,2-Dichloropropane	9.624	63	94767	50.786	ug/l	95
46) Dibromomethane	9.706	93	67500	51.645	ug/l	97
47) Bromodichloromethane	9.888	83	149315	52.787	ug/l	99
48) Methyl methacrylate	9.682	41	110365	55.134	ug/l	98
49) 1,4-Dioxane	9.694	88	36121	1096.898	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	663975	289.096	ug/l	97
52) Toluene	10.629	92	236618	50.105	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	137656	48.011	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	143791	47.744	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	87843	49.825	ug/l	98
56) Ethyl methacrylate	10.871	69	154905	57.109	ug/l	95
57) 1,3-Dichloropropane	11.165	76	154080	50.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	307655	314.781	ug/l	97
59) 2-Hexanone	11.194	43	487053	286.680	ug/l	97
60) Dibromochloromethane	11.359	129	106836	54.147	ug/l	97
61) 1,2-Dibromoethane	11.471	107	90366	51.395	ug/l	98
64) Tetrachloroethene	11.100	164	76967	49.194	ug/l	98
65) Chlorobenzene	11.894	112	251102	48.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	89470	49.358	ug/l	98
67) Ethyl Benzene	11.965	91	464854	50.045	ug/l	99
68) m/p-Xylenes	12.070	106	346094	100.360	ug/l	100
69) o-Xylene	12.400	106	169547	50.786	ug/l	99
70) Styrene	12.412	104	290142	52.956	ug/l	99
71) Bromoform	12.576	173	68975	56.467	ug/l #	98
73) Isopropylbenzene	12.694	105	445850	50.419	ug/l	100
74) N-amyl acetate	12.494	43	210517	55.797	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	130715	50.309	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111767m	48.461	ug/l	
77) Bromobenzene	12.982	156	101039	47.467	ug/l	99
78) n-propylbenzene	13.035	91	520612	50.599	ug/l	98
79) 2-Chlorotoluene	13.123	91	324418	49.441	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	372252	49.930	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	36637	41.605	ug/l	91
82) 4-Chlorotoluene	13.217	91	323037	49.058	ug/l	100
83) tert-Butylbenzene	13.435	119	323857	49.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	379450	50.667	ug/l	98
85) sec-Butylbenzene	13.617	105	435709	50.368	ug/l	100
86) p-Isopropyltoluene	13.729	119	367919	50.737	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	185461	46.167	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	187832	46.176	ug/l	99
89) n-Butylbenzene	14.053	91	319469	49.068	ug/l	98
90) Hexachloroethane	14.335	117	70606	48.437	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	183716	47.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27925	53.916	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	90967	43.724	ug/l	100
94) Hexachlorobutadiene	15.500	225	38264	43.308	ug/l	99
95) Naphthalene	15.641	128	321460	50.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	89056	44.790	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084029.D
Acq On : 19 Sep 2024 12:08
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 13:35:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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

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

