

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084728.D
 Acq On : 07 Nov 2024 17:57
 Operator : JC\MD
 Sample : VN1107WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBS01

Quant Time: Nov 08 00:30:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2024
 Supervised By :Mahesh Dadoda 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130128	47.919	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.840%		
35) Dibromofluoromethane	8.165	113	105610	48.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	10.565	98	395027	49.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.400%		
62) 4-Bromofluorobenzene	12.847	95	160068	53.344	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40031	18.521	ug/l	98
3) Chloromethane	2.365	50	46716	16.743	ug/l	94
4) Vinyl Chloride	2.512	62	43765	18.826	ug/l	100
5) Bromomethane	2.901	94	22843	18.546	ug/l	96
6) Chloroethane	3.071	64	30696	20.509	ug/l #	84
7) Trichlorofluoromethane	3.465	101	73077	19.083	ug/l	93
8) Diethyl Ether	3.953	74	27023	20.004	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	40800	18.855	ug/l	99
10) Methyl Iodide	4.583	142	62194	21.506	ug/l	98
11) Tert butyl alcohol	5.542	59	35638	99.422	ug/l	100
12) 1,1-Dichloroethene	4.330	96	39628	18.508	ug/l	92
13) Acrolein	4.177	56	27332	76.466	ug/l	98
14) Allyl chloride	5.018	41	67458	19.427	ug/l	92
15) Acrylonitrile	5.718	53	105883	102.036	ug/l	98
16) Acetone	4.430	43	85621	107.524	ug/l	97
17) Carbon Disulfide	4.700	76	109420	16.595	ug/l	98
18) Methyl Acetate	5.018	43	56489	17.086	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	138601	21.120	ug/l	97
20) Methylene Chloride	5.271	84	49546	20.744	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	41506	18.879	ug/l	96
22) Diisopropyl ether	6.671	45	145157	21.038	ug/l	97
23) Vinyl Acetate	6.600	43	485570	102.052	ug/l	97
24) 1,1-Dichloroethane	6.559	63	83223	20.091	ug/l	99
25) 2-Butanone	7.483	43	131853	104.074	ug/l	100
26) 2,2-Dichloropropane	7.489	77	70395	19.525	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	50791	19.785	ug/l	97
28) Bromochloromethane	7.812	49	35575	21.556	ug/l	97
29) Tetrahydrofuran	7.836	42	84968	101.093	ug/l	95
30) Chloroform	7.959	83	87285	20.702	ug/l	99
31) Cyclohexane	8.253	56	67897	18.110	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	78162	20.368	ug/l	96
36) 1,1-Dichloropropene	8.371	75	56788	18.786	ug/l	100
37) Ethyl Acetate	7.559	43	56236	20.505	ug/l	99
38) Carbon Tetrachloride	8.359	117	65583	19.411	ug/l	98
39) Methylcyclohexane	9.600	83	58296	18.957	ug/l	93
40) Benzene	8.606	78	187559	19.321	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084728.D
 Acq On : 07 Nov 2024 17:57
 Operator : JC\MD
 Sample : VN1107WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBS01

Quant Time: Nov 08 00:30:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/08/2024
 Supervised By : Mahesh Dadoda 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29337	19.892	ug/l	92
42) 1,2-Dichloroethane	8.671	62	62052	19.737	ug/l	96
43) Isopropyl Acetate	8.688	43	100104	19.162	ug/l	99
44) Trichloroethene	9.353	130	42406	18.941	ug/l	99
45) 1,2-Dichloropropane	9.618	63	46281	20.323	ug/l	98
46) Dibromomethane	9.706	93	32637	20.311	ug/l	98
47) Bromodichloromethane	9.882	83	67983	20.070	ug/l #	95
48) Methyl methacrylate	9.682	41	43817	20.528	ug/l	97
49) 1,4-Dioxane	9.694	88	16244	429.459	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	279831	107.030	ug/l	98
52) Toluene	10.629	92	118045	20.792	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	66865	19.071	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	72492	19.535	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	44068	20.605	ug/l	98
56) Ethyl methacrylate	10.871	69	67709	21.888	ug/l	92
57) 1,3-Dichloropropane	11.159	76	76596	20.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	135753	93.782	ug/l	96
59) 2-Hexanone	11.194	43	204721	107.575	ug/l	97
60) Dibromochloromethane	11.353	129	51675	21.201	ug/l	99
61) 1,2-Dibromoethane	11.471	107	43754	19.978	ug/l	98
64) Tetrachloroethene	11.100	164	39330	19.790	ug/l	96
65) Chlorobenzene	11.888	112	125271	18.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	46965	20.201	ug/l	96
67) Ethyl Benzene	11.965	91	216339	19.390	ug/l	98
68) m/p-Xylenes	12.071	106	168454	39.880	ug/l	98
69) o-Xylene	12.394	106	80491	20.370	ug/l	97
70) Styrene	12.412	104	136664	19.826	ug/l	99
71) Bromoform	12.576	173	35689	20.400	ug/l #	98
73) Isopropylbenzene	12.694	105	203489	18.552	ug/l	99
74) N-amyl acetate	12.494	43	84025	17.999	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	65933	18.009	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	55315m	17.680	ug/l	
77) Bromobenzene	12.976	156	51606	17.502	ug/l	93
78) n-propylbenzene	13.035	91	233677	18.181	ug/l	98
79) 2-Chlorotoluene	13.123	91	151445	18.033	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	176999	19.470	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22422	17.002	ug/l	97
82) 4-Chlorotoluene	13.223	91	152600	17.266	ug/l	99
83) tert-Butylbenzene	13.435	119	149120	19.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	178751	19.051	ug/l	100
85) sec-Butylbenzene	13.618	105	194501	18.301	ug/l	100
86) p-Isopropyltoluene	13.729	119	165131	18.945	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	92796	16.126	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	93033	16.897	ug/l	99
89) n-Butylbenzene	14.053	91	134567	16.505	ug/l	98
90) Hexachloroethane	14.335	117	32282	16.608	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	93995	16.998	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12608	16.999	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	45495	15.031	ug/l	98
94) Hexachlorobutadiene	15.500	225	20026	15.067	ug/l	97
95) Naphthalene	15.641	128	140267	15.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	44126	15.019	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
Data File : VN084728.D
Acq On : 07 Nov 2024 17:57
Operator : JC\MD
Sample : VN1107WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2024
Supervised By :Mahesh Dadoda 11/08/2024

Quant Time: Nov 08 00:30:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

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

