

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110424\
 Data File : VN084645.D
 Acq On : 04 Nov 2024 09:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 05 00:18:26 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 11/05/2024
 Supervised By : Mahesh Dadoda 11/05/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	188408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	268457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143756	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	121756	44.743	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.480%
35) Dibromofluoromethane	8.159	113	99405	48.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	10.565	98	367326	48.581	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.847	95	144082	50.988	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	98813	45.622	ug/l	94
3) Chloromethane	2.359	50	107439	41.864	ug/l	97
4) Vinyl Chloride	2.512	62	105443	45.263	ug/l	97
5) Bromomethane	2.901	94	52040	42.163	ug/l	95
6) Chloroethane	3.077	64	66998	46.360	ug/l	95
7) Trichlorofluoromethane	3.477	101	179954	46.895	ug/l	100
8) Diethyl Ether	3.953	74	61092	45.130	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	104062	47.991	ug/l	99
10) Methyl Iodide	4.577	142	130643	45.080	ug/l	99
11) Tert butyl alcohol	5.542	59	68847	191.669	ug/l #	90
12) 1,1-Dichloroethene	4.330	96	94897	44.229	ug/l	96
13) Acrolein	4.171	56	72859	203.414	ug/l	98
14) Allyl chloride	5.012	41	155565	44.708	ug/l	94
15) Acrylonitrile	5.718	53	232899	223.972	ug/l	98
16) Acetone	4.418	43	173952	220.963	ug/l	99
17) Carbon Disulfide	4.700	76	271971	41.161	ug/l	99
18) Methyl Acetate	5.018	43	117604	40.172	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	316739	48.164	ug/l	98
20) Methylene Chloride	5.265	84	108851	45.480	ug/l	87
21) trans-1,2-Dichloroethene	5.777	96	100106	45.438	ug/l	99
22) Diisopropyl ether	6.665	45	330400	47.787	ug/l	99
23) Vinyl Acetate	6.594	43	1160172	243.327	ug/l	100
24) 1,1-Dichloroethane	6.559	63	191224	46.067	ug/l	98
25) 2-Butanone	7.477	43	290349	228.702	ug/l	100
26) 2,2-Dichloropropane	7.483	77	173930	48.142	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	120143	46.703	ug/l	96
28) Bromochloromethane	7.806	49	96787	58.524	ug/l	95
29) Tetrahydrofuran	7.836	42	190946	226.712	ug/l	97
30) Chloroform	7.959	83	199585	47.240	ug/l	98
31) Cyclohexane	8.253	56	163287	43.463	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	179012	46.552	ug/l	99
36) 1,1-Dichloropropene	8.365	75	134579	47.276	ug/l	98
37) Ethyl Acetate	7.553	43	117800	45.610	ug/l	100
38) Carbon Tetrachloride	8.359	117	157491	49.497	ug/l	98
39) Methylcyclohexane	9.594	83	152885	52.792	ug/l	97
40) Benzene	8.600	78	436903	47.791	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	68360	49.219	ug/l	97
42) 1,2-Dichloroethane	8.665	62	142665	48.186	ug/l	99
43) Isopropyl Acetate	8.683	43	221551	46.362	ug/l	98
44) Trichloroethene	9.347	130	100605	47.717	ug/l	94
45) 1,2-Dichloropropane	9.618	63	106550	49.685	ug/l	96
46) Dibromomethane	9.706	93	71578	47.301	ug/l	95
47) Bromodichloromethane	9.883	83	155818	48.848	ug/l	98
48) Methyl methacrylate	9.677	41	95812	47.665	ug/l	96
49) 1,4-Dioxane	9.694	88	31954	897.077	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	595450	241.842	ug/l	99
52) Toluene	10.630	92	268083	50.140	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	155465	47.084	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	169874	48.610	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	99220	49.265	ug/l	93
56) Ethyl methacrylate	10.871	69	149857	51.440	ug/l	95
57) 1,3-Dichloropropane	11.159	76	166845	48.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	377379	276.836	ug/l	96
59) 2-Hexanone	11.194	43	456088	254.491	ug/l	97
60) Dibromochloromethane	11.353	129	115878	50.483	ug/l	99
61) 1,2-Dibromoethane	11.465	107	97877	47.457	ug/l	99
64) Tetrachloroethene	11.100	164	89732	50.251	ug/l	97
65) Chlorobenzene	11.888	112	278517	46.374	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	101761	48.712	ug/l	98
67) Ethyl Benzene	11.959	91	495271	49.403	ug/l	99
68) m/p-Xylenes	12.065	106	380665	100.297	ug/l	99
69) o-Xylene	12.394	106	181122	51.013	ug/l	99
70) Styrene	12.406	104	313983	50.695	ug/l	98
71) Bromoform	12.576	173	79194	50.380	ug/l #	100
73) Isopropylbenzene	12.694	105	464356	46.094	ug/l	100
74) N-amyl acetate	12.494	43	185524	43.269	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	137063	40.761	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	125328m	43.613	ug/l	
77) Bromobenzene	12.976	156	114518	42.285	ug/l	94
78) n-propylbenzene	13.035	91	547760	46.400	ug/l	98
79) 2-Chlorotoluene	13.123	91	346847	44.966	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	401479	48.084	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49863	41.166	ug/l	98
82) 4-Chlorotoluene	13.218	91	348763	42.963	ug/l	98
83) tert-Butylbenzene	13.435	119	334665	48.430	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	413628	47.998	ug/l	99
85) sec-Butylbenzene	13.612	105	472030	48.358	ug/l	100
86) p-Isopropyltoluene	13.729	119	401075	50.101	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	218058	41.257	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	215325	44.258	ug/l	99
89) n-Butylbenzene	14.053	91	339287	45.308	ug/l	99
90) Hexachloroethane	14.329	117	76751	42.991	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	215481	42.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25427	37.326	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	109093	39.244	ug/l	100
94) Hexachlorobutadiene	15.494	225	49072	40.198	ug/l	98
95) Naphthalene	15.635	128	335352	40.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107383	39.793	ug/l	98

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

