

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081765.D
 Acq On : 16 Apr 2024 17:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 03:28:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	237354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	428957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	399934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172668	51.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.171	113	135718	47.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	10.571	98	523093	50.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.853	95	192778	54.060	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	131906	43.882	ug/l	98
3) Chloromethane	2.359	50	141569	56.012	ug/l	95
4) Vinyl Chloride	2.512	62	175982	47.836	ug/l	94
5) Bromomethane	2.948	94	111572	50.194	ug/l	94
6) Chloroethane	3.118	64	130636	59.958	ug/l	96
7) Trichlorofluoromethane	3.495	101	241068	50.743	ug/l	94
8) Diethyl Ether	3.959	74	79999	47.971	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	131490	44.190	ug/l	99
10) Methyl Iodide	4.595	142	115641	72.408	ug/l	94
11) Tert butyl alcohol	5.524	59	118207	259.452	ug/l	100
12) 1,1-Dichloroethene	4.342	96	126350	44.804	ug/l	98
13) Acrolein	4.177	56	122214	252.333	ug/l	100
14) Allyl chloride	5.024	41	169520	47.366	ug/l	99
15) Acrylonitrile	5.712	53	327077	260.135	ug/l	99
16) Acetone	4.430	43	230764	248.242	ug/l	99
17) Carbon Disulfide	4.712	76	357525	43.619	ug/l	97
18) Methyl Acetate	5.018	43	130249	50.095	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	445413	54.267	ug/l	99
20) Methylene Chloride	5.283	84	145407	53.011	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	138729	48.979	ug/l	90
22) Diisopropyl ether	6.671	45	428333	54.997	ug/l	96
23) Vinyl Acetate	6.606	43	1748308	287.580	ug/l	100
24) 1,1-Dichloroethane	6.565	63	262401	51.207	ug/l	98
25) 2-Butanone	7.483	43	413733	269.979	ug/l	96
26) 2,2-Dichloropropane	7.489	77	234072	52.401	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	174201	50.276	ug/l	97
28) Bromochloromethane	7.812	49	105374	48.165	ug/l	97
29) Tetrahydrofuran	7.841	42	280921	283.342	ug/l	98
30) Chloroform	7.965	83	292351	50.313	ug/l	97
31) Cyclohexane	8.259	56	221904	48.432	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	265199	51.469	ug/l	98
36) 1,1-Dichloropropene	8.371	75	199163	50.465	ug/l	98
37) Ethyl Acetate	7.559	43	175475	54.110	ug/l	98
38) Carbon Tetrachloride	8.365	117	231491	50.417	ug/l	96
39) Methylcyclohexane	9.606	83	235999	50.759	ug/l	98
40) Benzene	8.606	78	625624	50.890	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	94989	53.958	ug/l	99
42) 1,2-Dichloroethane	8.671	62	219115	51.130	ug/l	99
43) Isopropyl Acetate	8.688	43	324219	53.589	ug/l	97
44) Trichloroethene	9.353	130	163673	51.196	ug/l	96
45) 1,2-Dichloropropane	9.624	63	149259	52.661	ug/l	95
46) Dibromomethane	9.712	93	116882	49.408	ug/l	96
47) Bromodichloromethane	9.888	83	243773	53.944	ug/l	96
48) Methyl methacrylate	9.683	41	140150	56.835	ug/l	99
49) 1,4-Dioxane	9.694	88	65048	1051.769	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	955892	284.059	ug/l	99
52) Toluene	10.630	92	412696	52.850	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	245272	54.485	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	253003	52.759	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	156487	53.346	ug/l	98
56) Ethyl methacrylate	10.877	69	244576	60.596	ug/l	97
57) 1,3-Dichloropropane	11.165	76	261089	53.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	598251	280.131	ug/l	100
59) 2-Hexanone	11.200	43	711590	292.109	ug/l	98
60) Dibromochloromethane	11.359	129	192634	54.331	ug/l	98
61) 1,2-Dibromoethane	11.471	107	163288	53.364	ug/l	99
64) Tetrachloroethene	11.106	164	165786	48.859	ug/l	91
65) Chlorobenzene	11.894	112	456141	49.567	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	158123	50.368	ug/l	99
67) Ethyl Benzene	11.965	91	789057	54.472	ug/l	99
68) m/p-Xylenes	12.071	106	626177	111.164	ug/l	100
69) o-Xylene	12.400	106	304577	56.422	ug/l	100
70) Styrene	12.412	104	507485	57.383	ug/l	99
71) Bromoform	12.582	173	127883	52.792	ug/l #	98
73) Isopropylbenzene	12.700	105	786387	54.087	ug/l	98
74) N-amyl acetate	12.494	43	289153	54.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	205468	48.101	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	200705m	57.407	ug/l	
77) Bromobenzene	12.982	156	184818	49.860	ug/l	96
78) n-propylbenzene	13.035	91	900907	53.398	ug/l	100
79) 2-Chlorotoluene	13.129	91	540687	51.413	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	653506	55.024	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	89453	56.452	ug/l	95
82) 4-Chlorotoluene	13.223	91	538172	51.802	ug/l	99
83) tert-Butylbenzene	13.441	119	552812	53.142	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	654476	54.630	ug/l	99
85) sec-Butylbenzene	13.618	105	783012	53.941	ug/l	100
86) p-Isopropyltoluene	13.729	119	663086	55.731	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	335635	48.445	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	341478	48.336	ug/l	98
89) n-Butylbenzene	14.059	91	552643	53.125	ug/l	99
90) Hexachloroethane	14.335	117	121544	47.989	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	330840	49.338	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44071	55.819	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	178241	50.460	ug/l	97
94) Hexachlorobutadiene	15.506	225	65632	43.103	ug/l	97
95) Naphthalene	15.641	128	624469	55.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179736	49.767	ug/l	99

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

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