

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081122.D
 Acq On : 21 Feb 2024 16:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 22 04:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Semsettin Yesilyurt 02/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	346456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	614488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	556333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189083	44.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.060%		
35) Dibromofluoromethane	8.165	113	162331	46.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.440%		
50) Toluene-d8	10.565	98	543749	44.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.120%		
62) 4-Bromofluorobenzene	12.847	95	215406	46.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	227228	50.715	ug/l	100
3) Chloromethane	2.359	50	231247	47.233	ug/l	97
4) Vinyl Chloride	2.518	62	248463	49.924	ug/l	95
5) Bromomethane	2.959	94	169289	47.892	ug/l	98
6) Chloroethane	3.124	64	163374	50.786	ug/l	99
7) Trichlorofluoromethane	3.501	101	373989	51.438	ug/l	97
8) Diethyl Ether	3.959	74	133815	50.341	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	211870	52.273	ug/l	90
10) Methyl Iodide	4.589	142	240700	53.203	ug/l	98
11) Tert butyl alcohol	5.512	59	182666	233.898	ug/l	99
12) 1,1-Dichloroethene	4.342	96	200526	51.181	ug/l	90
13) Acrolein	4.177	56	169974	406.074	ug/l	98
14) Allyl chloride	5.024	41	292810	50.368	ug/l #	89
15) Acrylonitrile	5.718	53	480284	235.477	ug/l	97
16) Acetone	4.424	43	289402	173.198	ug/l	99
17) Carbon Disulfide	4.718	76	549713	50.303	ug/l #	95
18) Methyl Acetate	5.018	43	219911	53.950	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	679760	50.657	ug/l	96
20) Methylene Chloride	5.277	84	228829	52.992	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	219115	50.126	ug/l	97
22) Diisopropyl ether	6.671	45	687202	52.111	ug/l #	93
23) Vinyl Acetate	6.600	43	2723964	254.593	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	403167	52.874	ug/l	95
25) 2-Butanone	7.483	43	577114	213.790	ug/l	91
26) 2,2-Dichloropropane	7.489	77	375316	52.532	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	256389	50.483	ug/l	89
28) Bromochloromethane	7.812	49	158745	50.218	ug/l #	66
29) Tetrahydrofuran	7.836	42	414160	229.833	ug/l #	87
30) Chloroform	7.965	83	426574	52.625	ug/l	98
31) Cyclohexane	8.259	56	356595	48.632	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	379904	51.461	ug/l	92
36) 1,1-Dichloropropene	8.371	75	325809	54.730	ug/l	97
37) Ethyl Acetate	7.559	43	264533	49.237	ug/l	99
38) Carbon Tetrachloride	8.365	117	330676	54.904	ug/l	97
39) Methylcyclohexane	9.600	83	399965	57.636	ug/l	89
40) Benzene	8.606	78	938724	54.479	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	142864	46.723	ug/l	92
42) 1,2-Dichloroethane	8.671	62	318346	52.956	ug/l	98
43) Isopropyl Acetate	8.688	43	480344	51.120	ug/l	96
44) Trichloroethene	9.353	130	239999	52.295	ug/l	93
45) 1,2-Dichloropropane	9.624	63	230674	53.518	ug/l	92
46) Dibromomethane	9.706	93	162928	51.880	ug/l	92
47) Bromodichloromethane	9.888	83	321292	54.018	ug/l #	97
48) Methyl methacrylate	9.682	41	221311	50.618	ug/l	92
49) 1,4-Dioxane	9.694	88	79634	989.343	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1325052	245.141	ug/l	94
52) Toluene	10.629	92	596254	54.660	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	362146	54.790	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	387218	54.223	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	222063	52.928	ug/l	94
56) Ethyl methacrylate	10.877	69	337976	52.708	ug/l	87
57) 1,3-Dichloropropane	11.165	76	384741	53.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	777596	241.693	ug/l #	88
59) 2-Hexanone	11.194	43	959358	223.871	ug/l	94
60) Dibromochloromethane	11.359	129	242167	54.333	ug/l	98
61) 1,2-Dibromoethane	11.471	107	230470	52.238	ug/l	98
64) Tetrachloroethene	11.106	164	203775	53.668	ug/l	91
65) Chlorobenzene	11.894	112	626356	52.020	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	225067	52.042	ug/l	97
67) Ethyl Benzene	11.965	91	1155047	53.609	ug/l	95
68) m/p-Xylenes	12.071	106	881325	106.717	ug/l	96
69) o-Xylene	12.400	106	437289	53.417	ug/l	91
70) Styrene	12.412	104	701470	54.075	ug/l	97
71) Bromoform	12.582	173	154122	56.171	ug/l #	99
73) Isopropylbenzene	12.694	105	1130122	48.108	ug/l	98
74) N-amyl acetate	12.494	43	426103	42.918	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	311993	47.232	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	267938m	43.922	ug/l	
77) Bromobenzene	12.982	156	248781	47.496	ug/l	74
78) n-propylbenzene	13.035	91	1355556	50.126	ug/l	96
79) 2-Chlorotoluene	13.123	91	789432	47.593	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	944199	49.573	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	103925	43.849	ug/l #	88
82) 4-Chlorotoluene	13.223	91	786837	48.514	ug/l	95
83) tert-Butylbenzene	13.441	119	804971	48.877	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	956829	50.414	ug/l	96
85) sec-Butylbenzene	13.618	105	1195982	52.237	ug/l	94
86) p-Isopropyltoluene	13.729	119	994765	52.308	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	486963	49.204	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	488535	50.237	ug/l	97
89) n-Butylbenzene	14.059	91	895472	54.049	ug/l	97
90) Hexachloroethane	14.335	117	167363	53.241	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	475260	49.790	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	59286	43.169	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	283652	53.266	ug/l	100
94) Hexachlorobutadiene	15.506	225	107927	54.343	ug/l	95
95) Naphthalene	15.641	128	946858	48.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	270680	51.238	ug/l	99

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

