

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081967.D
 Acq On : 01 May 2024 19:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 02:06:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	181883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146206	47.629	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.260%		
35) Dibromofluoromethane	8.171	113	111009	50.290	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.580%		
50) Toluene-d8	10.571	98	453094	52.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.520%		
62) 4-Bromofluorobenzene	12.853	95	160173	46.738	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	117086	45.859	ug/l	96
3) Chloromethane	2.359	50	130206	48.884	ug/l	96
4) Vinyl Chloride	2.512	62	121168	50.255	ug/l	99
5) Bromomethane	2.947	94	55893	55.001	ug/l	95
6) Chloroethane	3.118	64	69033	56.649	ug/l	97
7) Trichlorofluoromethane	3.495	101	173913	46.629	ug/l	96
8) Diethyl Ether	3.959	74	85806	54.158	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	112764	52.076	ug/l	93
10) Methyl Iodide	4.583	142	106355	56.077	ug/l #	89
11) Tert butyl alcohol	5.518	59	143280	256.754	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	116706	52.978	ug/l	93
13) Acrolein	4.177	56	103459	237.281	ug/l	98
14) Allyl chloride	5.024	41	204768	43.944	ug/l	89
15) Acrylonitrile	5.718	53	370552	276.531	ug/l	96
16) Acetone	4.430	43	249025	274.878	ug/l	91
17) Carbon Disulfide	4.718	76	300481	45.382	ug/l #	94
18) Methyl Acetate	5.030	43	168641	54.238	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	427393	51.415	ug/l	93
20) Methylene Chloride	5.271	84	134329	51.062	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	116561	48.529	ug/l #	78
22) Diisopropyl ether	6.671	45	475905	52.780	ug/l #	95
23) Vinyl Acetate	6.600	43	1890489	258.039	ug/l	95
24) 1,1-Dichloroethane	6.565	63	247726	52.784	ug/l	99
25) 2-Butanone	7.482	43	464029	266.333	ug/l	90
26) 2,2-Dichloropropane	7.488	77	184713	42.785	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	157279	56.037	ug/l	93
28) Bromochloromethane	7.818	49	109180	48.947	ug/l #	78
29) Tetrahydrofuran	7.835	42	320526	256.541	ug/l	89
30) Chloroform	7.965	83	235169	50.553	ug/l	97
31) Cyclohexane	8.259	56	221759	47.955	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	193632	46.674	ug/l	94
36) 1,1-Dichloropropene	8.371	75	171201	47.673	ug/l	97
37) Ethyl Acetate	7.559	43	192640	49.614	ug/l	98
38) Carbon Tetrachloride	8.365	117	154571	44.040	ug/l	97
39) Methylcyclohexane	9.606	83	201389	46.176	ug/l	88
40) Benzene	8.606	78	558245	51.784	ug/l	92

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41) Methacrylonitrile	7.777	41	113387	45.766	ug/l	89
42) 1,2-Dichloroethane	8.671	62	182388	45.562	ug/l	99
43) Isopropyl Acetate	8.688	43	357279	48.938	ug/l	93
44) Trichloroethene	9.353	130	184054	74.052	ug/l	89
45) 1,2-Dichloropropane	9.624	63	144772	51.313	ug/l	100
46) Dibromomethane	9.712	93	89494	45.894	ug/l	92
47) Bromodichloromethane	9.888	83	190725	46.377	ug/l	98
48) Methyl methacrylate	9.682	41	162654	46.669	ug/l	89
49) 1,4-Dioxane	9.694	88	56383	1064.380	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1025200	249.447	ug/l	95
52) Toluene	10.629	92	333829	51.709	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	210724	47.091	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	223238	48.404	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	125408	49.393	ug/l	99
56) Ethyl methacrylate	10.876	69	240047	49.651	ug/l	90
57) 1,3-Dichloropropane	11.165	76	228554	50.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	578622	262.716	ug/l	90
59) 2-Hexanone	11.194	43	773844	253.006	ug/l	96
60) Dibromochloromethane	11.359	129	131396	48.860	ug/l	98
61) 1,2-Dibromoethane	11.470	107	126112	51.940	ug/l	98
64) Tetrachloroethene	11.106	164	101718	44.509	ug/l #	91
65) Chlorobenzene	11.894	112	354033	51.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	113788	50.954	ug/l	97
67) Ethyl Benzene	11.965	91	637227	49.865	ug/l	98
68) m/p-Xylenes	12.070	106	470028	103.117	ug/l	95
69) o-Xylene	12.400	106	232935	52.343	ug/l	95
70) Styrene	12.412	104	397105	51.583	ug/l	97
71) Bromoform	12.582	173	80459	45.828	ug/l #	100
73) Isopropylbenzene	12.694	105	590787	50.111	ug/l	100
74) N-amyl acetate	12.494	43	325204	49.545	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	188004	53.103	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	168442m	48.993	ug/l	
77) Bromobenzene	12.982	156	123007	49.859	ug/l	71
78) n-propylbenzene	13.035	91	708849	49.498	ug/l	97
79) 2-Chlorotoluene	13.123	91	429812	47.174	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	478815	47.995	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	81890	48.807	ug/l #	91
82) 4-Chlorotoluene	13.223	91	418021	47.257	ug/l	96
83) tert-Butylbenzene	13.441	119	404383	48.674	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	478383	48.017	ug/l	99
85) sec-Butylbenzene	13.617	105	585555	50.036	ug/l	97
86) p-Isopropyltoluene	13.729	119	461824	49.148	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	224609	48.793	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	229103	50.540	ug/l	97
89) n-Butylbenzene	14.059	91	436807	49.942	ug/l	98
90) Hexachloroethane	14.335	117	89076	48.189	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	224513	50.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37415	43.408	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	116785	47.304	ug/l	98
94) Hexachlorobutadiene	15.506	225	41986	46.140	ug/l	97
95) Naphthalene	15.641	128	459967	49.305	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	118591	50.031	ug/l	100

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

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