

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080933.D
 Acq On : 07 Feb 2024 13:39
 Operator : JC\MD
 Sample : VN0207WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBSD02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 02/08/2024

Supervised By :Semsettin
 Yesilyurt
 02/08/2024

Quant Time: Feb 08 00:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	611971	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	1026014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	900883	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	387465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	327084	42.368	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.740%		
35) Dibromofluoromethane	8.165	113	299098	54.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.660%		
50) Toluene-d8	10.570	98	992567	49.842	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.680%		
62) 4-Bromofluorobenzene	12.853	95	346307	47.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.740%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	110551	15.945	ug/l	98
3) Chloromethane	2.359	50	115162	15.069	ug/l	99
4) Vinyl Chloride	2.512	62	124906	13.795	ug/l	93
5) Bromomethane	2.953	94	74634	12.813	ug/l	93
6) Chloroethane	3.118	64	87556	13.711	ug/l #	87
7) Trichlorofluoromethane	3.494	101	196435	16.568	ug/l	90
8) Diethyl Ether	3.959	74	71526	16.886	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.365	101	109465	16.413	ug/l #	85
10) Methyl Iodide	4.589	142	115327	17.881	ug/l	95
11) Tert butyl alcohol	5.518	59	91413	85.940	ug/l	100
12) 1,1-Dichloroethene	4.341	96	105933	16.146	ug/l #	76
13) Acrolein	4.177	56	101373	75.616	ug/l	96
14) Allyl chloride	5.024	41	130201	14.977	ug/l #	83
15) Acrylonitrile	5.718	53	245510	84.440	ug/l	99
16) Acetone	4.430	43	193493	76.182	ug/l	99
17) Carbon Disulfide	4.712	76	247810	14.975	ug/l	97
18) Methyl Acetate	5.018	43	126250	14.711	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	361986	16.563	ug/l	94
20) Methylene Chloride	5.271	84	121912	15.843	ug/l #	86
21) trans-1,2-Dichloroethene	5.777	96	114875	15.597	ug/l #	79
22) Diisopropyl ether	6.671	45	324919	16.125	ug/l #	90
23) Vinyl Acetate	6.600	43	1189707	89.602	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	201020	15.319	ug/l	95
25) 2-Butanone	7.482	43	313786	76.970	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	187678	15.640	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	138671	16.204	ug/l	83
28) Bromochloromethane	7.812	49	83759	15.339	ug/l #	41
29) Tetrahydrofuran	7.835	42	197511	79.243	ug/l #	78
30) Chloroform	7.965	83	225108	15.522	ug/l	98
31) Cyclohexane	8.259	56	155508	14.739	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	199240	15.855	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	152241	18.588	ug/l	94
37) Ethyl Acetate	7.559	43	128201	20.686	ug/l #	95
38) Carbon Tetrachloride	8.365	117	162309	19.331	ug/l	94
39) Methylcyclohexane	9.600	83	144540	15.834	ug/l #	85
40) Benzene	8.606	78	479181	19.220	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	72273	19.568	ug/l	92
42) 1,2-Dichloroethane	8.671	62	168510	19.412	ug/l	96
43) Isopropyl Acetate	8.688	43	226260	19.854	ug/l #	91
44) Trichloroethene	9.353	130	134275	17.731	ug/l	88
45) 1,2-Dichloropropane	9.623	63	116582	17.331	ug/l	100
46) Dibromomethane	9.712	93	87287	17.548	ug/l #	83
47) Bromodichloromethane	9.888	83	174374	17.922	ug/l #	100
48) Methyl methacrylate	9.682	41	102464	15.958	ug/l #	83
49) 1,4-Dioxane	9.694	88	41998	354.250	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	654543	95.305	ug/l	91
52) Toluene	10.635	92	303926	18.200	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	183569	19.499	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	195230	18.474	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	123884	19.194	ug/l	96
56) Ethyl methacrylate	10.876	69	170660	22.103	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	208621	19.922	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	382276	81.551	ug/l #	82
59) 2-Hexanone	11.194	43	486105	93.385	ug/l	90
60) Dibromochloromethane	11.359	129	135274	20.511	ug/l	99
61) 1,2-Dibromoethane	11.470	107	126497	19.647	ug/l	96
64) Tetrachloroethene	11.106	164	118617	17.444	ug/l	86
65) Chlorobenzene	11.894	112	329610	17.458	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	128328	18.835	ug/l	96
67) Ethyl Benzene	11.965	91	557210	17.132	ug/l	98
68) m/p-Xylenes	12.070	106	420891	34.063	ug/l	95
69) o-Xylene	12.400	106	210031	17.517	ug/l	94
70) Styrene	12.412	104	345131	19.180	ug/l	95
71) Bromoform	12.582	173	88651	19.427	ug/l #	96
73) Isopropylbenzene	12.700	105	510574	16.944	ug/l	97
74) N-amyl acetate	12.494	43	192726	17.743	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	165626	17.669	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	142944m	18.094	ug/l	
77) Bromobenzene	12.982	156	135649	17.841	ug/l	66
78) n-propylbenzene	13.035	91	572045	16.814	ug/l	94
79) 2-Chlorotoluene	13.129	91	359792	16.734	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	415716	16.973	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	48891	16.814	ug/l	93
82) 4-Chlorotoluene	13.223	91	359921	16.779	ug/l	92
83) tert-Butylbenzene	13.441	119	348362	16.686	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	424122	17.386	ug/l	96
85) sec-Butylbenzene	13.617	105	484091	17.255	ug/l	93
86) p-Isopropyltoluene	13.729	119	409578	17.275	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	239167	17.663	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	241225	17.555	ug/l	97
89) n-Butylbenzene	14.059	91	334668	15.980	ug/l	97
90) Hexachloroethane	14.335	117	62842	16.809	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	229470	17.688	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30605	17.454	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	122802	19.136	ug/l	98
94) Hexachlorobutadiene	15.505	225	53768	19.326	ug/l	97
95) Naphthalene	15.641	128	389450	18.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	120831	19.129	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

