

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081728.D
 Acq On : 12 Apr 2024 19:19
 Operator : JC\MD
 Sample : VN0412WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Mahesh Dadoda 04/15/2024

Quant Time: Apr 13 07:01:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	237120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	401619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	176239	58.282	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.560%			
35) Dibromofluoromethane	8.165	113	145495	53.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.240%			
50) Toluene-d8	10.571	98	508579	51.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.847	95	194115	55.641	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	62103	19.451	ug/l	100
3) Chloromethane	2.365	50	67230	21.149	ug/l	96
4) Vinyl Chloride	2.512	62	52110	14.606	ug/l	93
5) Bromomethane	2.959	94	35735	14.163	ug/l	86
6) Chloroethane	3.124	64	42105	17.189	ug/l #	87
7) Trichlorofluoromethane	3.495	101	107888	20.291	ug/l	88
8) Diethyl Ether	3.959	74	30654	17.421	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	62314	20.626	ug/l #	88
10) Methyl Iodide	4.589	142	44834	14.902	ug/l	92
11) Tert butyl alcohol	5.518	59	49941	94.770	ug/l #	88
12) 1,1-Dichloroethene	4.348	96	53328	19.057	ug/l	82
13) Acrolein	4.177	56	40472	85.589	ug/l	100
14) Allyl chloride	5.024	41	65614	18.712	ug/l #	81
15) Acrylonitrile	5.718	53	140624	99.749	ug/l	99
16) Acetone	4.424	43	102093	104.469	ug/l	99
17) Carbon Disulfide	4.712	76	155595	19.376	ug/l	98
18) Methyl Acetate	5.030	43	58129	19.294	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	173979	19.865	ug/l	96
20) Methylene Chloride	5.289	84	66040	20.630	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	60332	19.336	ug/l #	81
22) Diisopropyl ether	6.671	45	178122	21.862	ug/l #	89
23) Vinyl Acetate	6.600	43	661689	102.029	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	112974	20.702	ug/l #	93
25) 2-Butanone	7.483	43	164084	97.891	ug/l	93
26) 2,2-Dichloropropane	7.494	77	94377	19.940	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	76319	21.618	ug/l	82
28) Bromochloromethane	7.812	49	47047	21.166	ug/l #	59
29) Tetrahydrofuran	7.841	42	112687	99.794	ug/l #	77
30) Chloroform	7.965	83	133171	22.795	ug/l	99
31) Cyclohexane	8.259	56	97495	19.813	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	119185	22.487	ug/l	97
36) 1,1-Dichloropropene	8.371	75	83604	18.138	ug/l	96
37) Ethyl Acetate	7.559	43	71661	18.156	ug/l #	93
38) Carbon Tetrachloride	8.365	117	105577	20.909	ug/l	98
39) Methylcyclohexane	9.606	83	95335	18.521	ug/l	89
40) Benzene	8.612	78	275064	20.412	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	39651	18.996	ug/l	91
42) 1,2-Dichloroethane	8.671	62	96524	20.353	ug/l	98
43) Isopropyl Acetate	8.688	43	203195	31.058	ug/l	92
44) Trichloroethene	9.353	130	69054	18.220	ug/l	99
45) 1,2-Dichloropropane	9.624	63	66475	20.354	ug/l	99
46) Dibromomethane	9.712	93	52777	21.279	ug/l #	90
47) Bromodichloromethane	9.888	83	107589	22.187	ug/l #	97
48) Methyl methacrylate	9.682	41	57942	19.201	ug/l #	84
49) 1,4-Dioxane	9.700	88	27787	383.166	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	400620	100.350	ug/l	92
52) Toluene	10.629	92	183394	21.412	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	103029	19.676	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	103929	18.512	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	72539	21.044	ug/l	89
56) Ethyl methacrylate	10.876	69	94553	19.973	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	116422	20.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	210619	97.108	ug/l #	85
59) 2-Hexanone	11.194	43	297408	100.762	ug/l	93
60) Dibromochloromethane	11.365	129	84184	22.207	ug/l	99
61) 1,2-Dibromoethane	11.471	107	73209	20.832	ug/l	98
64) Tetrachloroethene	11.106	164	80055	20.853	ug/l	88
65) Chlorobenzene	11.894	112	203054	21.387	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	71827	20.412	ug/l	98
67) Ethyl Benzene	11.965	91	334769	20.299	ug/l	100
68) m/p-Xylenes	12.076	106	260794	42.181	ug/l	96
69) o-Xylene	12.406	106	126000	20.759	ug/l	91
70) Styrene	12.412	104	212369	21.694	ug/l	95
71) Bromoform	12.582	173	53246	20.137	ug/l #	99
73) Isopropylbenzene	12.700	105	317344	18.938	ug/l	96
74) N-amyl acetate	12.494	43	117019	19.297	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	94082	19.096	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	88526m	18.826	ug/l	
77) Bromobenzene	12.982	156	81082	19.588	ug/l	73
78) n-propylbenzene	13.035	91	380793	19.243	ug/l	97
79) 2-Chlorotoluene	13.129	91	233005	19.673	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	269809	19.494	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	31017	17.825	ug/l #	84
82) 4-Chlorotoluene	13.223	91	232984	19.952	ug/l	93
83) tert-Butylbenzene	13.441	119	223006	18.685	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	280508	20.165	ug/l	96
85) sec-Butylbenzene	13.617	105	329781	19.329	ug/l	94
86) p-Isopropyltoluene	13.729	119	267406	19.173	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	152065	19.994	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	150763	19.145	ug/l	98
89) n-Butylbenzene	14.059	91	223680	18.087	ug/l	95
90) Hexachloroethane	14.335	117	52881	20.021	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	148112	20.234	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20651	19.696	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	68118	16.094	ug/l	99
94) Hexachlorobutadiene	15.506	225	28770	15.492	ug/l	97
95) Naphthalene	15.641	128	226382	16.506	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	71921	16.893	ug/l	98

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

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