

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081223.D
 Acq On : 27 Feb 2024 16:47
 Operator : JC\MD
 Sample : VN0227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 04:20:31 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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	246806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	469477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	428473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158367	52.350	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.700%			
35) Dibromofluoromethane	8.165	113	136305	51.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	10.570	98	458704	48.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.853	95	175979	49.670	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66324	20.780	ug/l	98
3) Chloromethane	2.359	50	65850	18.157	ug/l	94
4) Vinyl Chloride	2.512	62	74140	20.912	ug/l	98
5) Bromomethane	2.953	94	44936	17.845	ug/l	92
6) Chloroethane	3.124	64	51658	22.043	ug/l	92
7) Trichlorofluoromethane	3.494	101	111101	21.451	ug/l	90
8) Diethyl Ether	3.965	74	41430	21.879	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	62446	21.627	ug/l	93
10) Methyl Iodide	4.589	142	56048	17.390	ug/l	98
11) Tert butyl alcohol	5.524	59	65617	117.944	ug/l	99
12) 1,1-Dichloroethene	4.341	96	56231	20.147	ug/l	88
13) Acrolein	4.183	56	26703	89.552	ug/l	97
14) Allyl chloride	5.024	41	82666	19.961	ug/l	91
15) Acrylonitrile	5.718	53	174473	120.080	ug/l	98
16) Acetone	4.424	43	137211	115.271	ug/l	91
17) Carbon Disulfide	4.718	76	134174	17.235	ug/l	99
18) Methyl Acetate	5.024	43	81216	27.969	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	204284	21.370	ug/l	93
20) Methylene Chloride	5.283	84	71078	22.572	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	63288	20.324	ug/l	92
22) Diisopropyl ether	6.683	45	210098	22.365	ug/l #	94
23) Vinyl Acetate	6.606	43	815929	107.051	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	119599	22.018	ug/l #	94
25) 2-Butanone	7.488	43	222089	115.490	ug/l	91
26) 2,2-Dichloropropane	7.494	77	99799	19.609	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	77397	21.392	ug/l	86
28) Bromochloromethane	7.812	49	49340	21.910	ug/l #	66
29) Tetrahydrofuran	7.841	42	149905	116.776	ug/l #	87
30) Chloroform	7.971	83	131390	22.754	ug/l	100
31) Cyclohexane	8.265	56	102759	19.673	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	117441	22.331	ug/l	91
36) 1,1-Dichloropropene	8.377	75	90394	19.875	ug/l	96
37) Ethyl Acetate	7.565	43	89766	21.869	ug/l	96
38) Carbon Tetrachloride	8.365	117	95738	20.806	ug/l	97
39) Methylcyclohexane	9.600	83	100509	18.957	ug/l	97
40) Benzene	8.606	78	279929	21.264	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	49694	21.272	ug/l	95
42) 1,2-Dichloroethane	8.671	62	100828	21.953	ug/l	100
43) Isopropyl Acetate	8.694	43	167943	23.394	ug/l	99
44) Trichloroethene	9.353	130	70993	20.247	ug/l	99
45) 1,2-Dichloropropane	9.629	63	73751	22.396	ug/l	100
46) Dibromomethane	9.712	93	50754	21.153	ug/l	93
47) Bromodichloromethane	9.894	83	102588	22.575	ug/l #	93
48) Methyl methacrylate	9.682	41	71581	21.429	ug/l	90
49) 1,4-Dioxane	9.700	88	31788	497.045	ug/l	88
51) 4-Methyl-2-Pentanone	10.447	43	492855	119.344	ug/l	95
52) Toluene	10.635	92	177959	21.353	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	105454	20.883	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	109780	20.121	ug/l #	93
55) 1,1,2-Trichloroethane	11.023	97	73686	22.988	ug/l #	88
56) Ethyl methacrylate	10.876	69	104981	21.429	ug/l	89
57) 1,3-Dichloropropane	11.165	76	123968	22.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	268251	109.131	ug/l #	89
59) 2-Hexanone	11.200	43	361546	110.428	ug/l	94
60) Dibromochloromethane	11.365	129	74303	21.820	ug/l	98
61) 1,2-Dibromoethane	11.476	107	73201	21.716	ug/l	99
64) Tetrachloroethene	11.106	164	66255	22.656	ug/l	94
65) Chlorobenzene	11.894	112	182885	19.721	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	67279	20.199	ug/l	98
67) Ethyl Benzene	11.965	91	329310	19.845	ug/l	98
68) m/p-Xylenes	12.076	106	249592	39.241	ug/l	96
69) o-Xylene	12.400	106	124120	19.686	ug/l	94
70) Styrene	12.417	104	201008	20.119	ug/l	98
71) Bromoform	12.582	173	45747	21.648	ug/l #	95
73) Isopropylbenzene	12.700	105	320888	19.428	ug/l	96
74) N-amyl acetate	12.500	43	132645	19.002	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	100272	21.590	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	83487m	19.465	ug/l	
77) Bromobenzene	12.988	156	71355	19.375	ug/l	82
78) n-propylbenzene	13.041	91	380443	20.009	ug/l	98
79) 2-Chlorotoluene	13.129	91	228719	19.612	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	268681	20.063	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	33136	19.885	ug/l	87
82) 4-Chlorotoluene	13.229	91	223974	19.641	ug/l	97
83) tert-Butylbenzene	13.441	119	240569	20.776	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	268286	20.105	ug/l	94
85) sec-Butylbenzene	13.617	105	330958	20.559	ug/l	96
86) p-Isopropyltoluene	13.735	119	263806	19.730	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	135030	19.405	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	132373	19.360	ug/l	99
89) n-Butylbenzene	14.059	91	235366	20.205	ug/l	96
90) Hexachloroethane	14.335	117	43974	19.896	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	130739	19.481	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19069	19.748	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	67667	18.073	ug/l	98
94) Hexachlorobutadiene	15.505	225	26220	18.777	ug/l	95
95) Naphthalene	15.647	128	256776	18.715	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	70596	19.007	ug/l	96

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

