

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080976.D
 Acq On : 08 Feb 2024 20:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 09 01:27:26 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	413553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	744402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	704335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	322287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249847	47.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.780%
35) Dibromofluoromethane	8.171	113	219350	54.914	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.820%
50) Toluene-d8	10.571	98	780350	54.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.853	95	296766	56.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	212178	45.286	ug/l	94
3) Chloromethane	2.359	50	218409	44.854	ug/l	95
4) Vinyl Chloride	2.512	62	285789	46.706	ug/l	94
5) Bromomethane	2.936	94	141485	35.942	ug/l	98
6) Chloroethane	3.112	64	204937	47.492	ug/l	96
7) Trichlorofluoromethane	3.489	101	385148	48.072	ug/l	95
8) Diethyl Ether	3.959	74	136725	47.765	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.365	101	209906	46.574	ug/l	92
10) Methyl Iodide	4.589	142	154425	35.430	ug/l	98
11) Tert butyl alcohol	5.530	59	210727	293.162	ug/l	99
12) 1,1-Dichloroethene	4.342	96	206050	46.473	ug/l	84
13) Acrolein	4.183	56	220135	242.985	ug/l	97
14) Allyl chloride	5.024	41	299034	50.903	ug/l #	94
15) Acrylonitrile	5.718	53	526904	268.169	ug/l	97
16) Acetone	4.430	43	398089	231.935	ug/l	97
17) Carbon Disulfide	4.712	76	479051	42.837	ug/l	100
18) Methyl Acetate	5.018	43	281928	55.924	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	749302	50.736	ug/l	98
20) Methylene Chloride	5.277	84	237592	45.690	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	231733	46.560	ug/l	86
22) Diisopropyl ether	6.671	45	673209	49.440	ug/l #	93
23) Vinyl Acetate	6.606	43	2585301	288.129	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	423913	47.803	ug/l	95
25) 2-Butanone	7.488	43	676585	245.591	ug/l	90
26) 2,2-Dichloropropane	7.494	77	346534	42.733	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	287276	49.674	ug/l	82
28) Bromochloromethane	7.812	49	167586	45.416	ug/l #	52
29) Tetrahydrofuran	7.841	42	453348	269.155	ug/l #	79
30) Chloroform	7.971	83	470883	48.048	ug/l	98
31) Cyclohexane	8.259	56	309490	43.406	ug/l #	73
32) 1,1,1-Trichloroethane	8.171	97	424467	49.985	ug/l	92
36) 1,1-Dichloropropene	8.371	75	327409	55.097	ug/l	95
37) Ethyl Acetate	7.565	43	274703	61.094	ug/l #	95
38) Carbon Tetrachloride	8.365	117	347654	57.071	ug/l	97
39) Methylcyclohexane	9.606	83	316701	47.818	ug/l #	84
40) Benzene	8.612	78	1025716	56.706	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	149242	55.695	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	341238	54.181	ug/l	97
43) Isopropyl Acetate	8.694	43	497966	60.226	ug/l #	92
44) Trichloroethene	9.353	130	257825	46.926	ug/l	95
45) 1,2-Dichloropropane	9.624	63	246903	50.590	ug/l	100
46) Dibromomethane	9.712	93	188753	52.302	ug/l #	90
47) Bromodichloromethane	9.888	83	372179	52.724	ug/l #	98
48) Methyl methacrylate	9.688	41	225390	48.382	ug/l #	83
49) 1,4-Dioxane	9.694	88	104241	1211.896	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1491904	299.408	ug/l	90
52) Toluene	10.635	92	666619	55.020	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	378466	55.409	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	401569	52.375	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	269110	57.467	ug/l	94
56) Ethyl methacrylate	10.876	69	392154	70.003	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	441294	58.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	936231	275.285	ug/l #	82
59) 2-Hexanone	11.200	43	1102765	291.996	ug/l	89
60) Dibromochloromethane	11.365	129	286103	59.793	ug/l	100
61) 1,2-Dibromoethane	11.470	107	275975	59.080	ug/l	98
64) Tetrachloroethene	11.106	164	233231	43.870	ug/l	90
65) Chlorobenzene	11.894	112	704567	47.731	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	262759	49.329	ug/l	98
67) Ethyl Benzene	11.965	91	1244253	48.933	ug/l	97
68) m/p-Xylenes	12.076	106	975334	100.961	ug/l	92
69) o-Xylene	12.400	106	484207	51.654	ug/l	92
70) Styrene	12.412	104	805796	57.276	ug/l	95
71) Bromoform	12.582	173	188983	52.971	ug/l #	95
73) Isopropylbenzene	12.700	105	1194930	47.674	ug/l	97
74) N-amyl acetate	12.500	43	442046	48.927	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	376614	48.302	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	284645m	43.317	ug/l	
77) Bromobenzene	12.982	156	296233	46.840	ug/l	69
78) n-propylbenzene	13.041	91	1358195	47.995	ug/l	95
79) 2-Chlorotoluene	13.129	91	825124	46.139	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	986988	48.446	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	102944	42.562	ug/l	98
82) 4-Chlorotoluene	13.223	91	845325	47.376	ug/l	93
83) tert-Butylbenzene	13.441	119	828028	47.681	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	991710	48.874	ug/l	95
85) sec-Butylbenzene	13.617	105	1136583	48.706	ug/l	93
86) p-Isopropyltoluene	13.735	119	942792	47.807	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	541997	48.122	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	535300	46.834	ug/l	96
89) n-Butylbenzene	14.059	91	776979	44.602	ug/l	97
90) Hexachloroethane	14.335	117	149758	48.159	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	527886	48.921	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70690	48.469	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	252947	47.388	ug/l	99
94) Hexachlorobutadiene	15.506	225	104525	45.168	ug/l	94
95) Naphthalene	15.641	128	964176	54.708	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	250977	47.768	ug/l	98

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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

