

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082360.D
 Acq On : 28 May 2024 20:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: May 29 07:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	213131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	155223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155327	46.154	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	8.165	113	110329	50.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	10.571	98	405455	48.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.847	95	152354	50.536	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	129543	42.158	ug/l	100
3) Chloromethane	2.359	50	127975	36.749	ug/l	99
4) Vinyl Chloride	2.512	62	134461	41.071	ug/l	99
5) Bromomethane	2.936	94	71571	38.034	ug/l	92
6) Chloroethane	3.112	64	90766	42.460	ug/l	94
7) Trichlorofluoromethane	3.489	101	208760	48.696	ug/l	99
8) Diethyl Ether	3.959	74	80591	52.770	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	116654	46.582	ug/l	98
10) Methyl Iodide	4.583	142	121116	48.109	ug/l	95
11) Tert butyl alcohol	5.524	59	141904	262.678	ug/l	99
12) 1,1-Dichloroethene	4.342	96	109345	46.977	ug/l #	82
13) Acrolein	4.177	56	88604	221.331	ug/l	98
14) Allyl chloride	5.024	41	230722	46.297	ug/l #	87
15) Acrylonitrile	5.718	53	345612	247.024	ug/l	100
16) Acetone	4.430	43	310147	224.656	ug/l	94
17) Carbon Disulfide	4.712	76	282365	37.559	ug/l	98
18) Methyl Acetate	5.024	43	173813	50.555	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	438752	51.569	ug/l	98
20) Methylene Chloride	5.277	84	129047	46.330	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	117082	46.158	ug/l #	81
22) Diisopropyl ether	6.671	45	483454	46.458	ug/l #	91
23) Vinyl Acetate	6.606	43	1949775	237.647	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	247511	46.146	ug/l	96
25) 2-Butanone	7.483	43	502871	240.249	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	189136	42.100	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	145644	48.653	ug/l	85
28) Bromochloromethane	7.812	49	105395	45.003	ug/l #	81
29) Tetrahydrofuran	7.841	42	331699	246.818	ug/l #	86
30) Chloroform	7.965	83	254752	49.737	ug/l	98
31) Cyclohexane	8.259	56	206399	38.399	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	231590	50.965	ug/l	94
36) 1,1-Dichloropropene	8.371	75	172837	46.776	ug/l	96
37) Ethyl Acetate	7.565	43	203678	49.256	ug/l	96
38) Carbon Tetrachloride	8.365	117	195196	52.113	ug/l	94
39) Methylcyclohexane	9.600	83	181305	44.765	ug/l #	87
40) Benzene	8.606	78	534492	48.509	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	117287	48.228	ug/l	#	88
42) 1,2-Dichloroethane	8.671	62	209884	49.528	ug/l		95
43) Isopropyl Acetate	8.688	43	379212	51.754	ug/l	#	89
44) Trichloroethene	9.353	130	122825	49.073	ug/l		95
45) 1,2-Dichloropropane	9.624	63	136662	48.071	ug/l		99
46) Dibromomethane	9.712	93	95519	51.177	ug/l		98
47) Bromodichloromethane	9.888	83	204119	51.804	ug/l		98
48) Methyl methacrylate	9.682	41	177303	50.783	ug/l	#	82
49) 1,4-Dioxane	9.694	88	55981	1144.245	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.447	43	1085774	260.812	ug/l		91
52) Toluene	10.629	92	336235	50.850	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	211517	51.905	ug/l		96
54) cis-1,3-Dichloropropene	10.312	75	218848	50.735	ug/l	#	79
55) 1,1,2-Trichloroethane	11.018	97	126332	52.574	ug/l		98
56) Ethyl methacrylate	10.877	69	228236	55.945	ug/l	#	75
57) 1,3-Dichloropropane	11.165	76	223727	49.797	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	538413	255.863	ug/l		93
59) 2-Hexanone	11.200	43	809340	265.513	ug/l		90
60) Dibromochloromethane	11.359	129	152816	57.628	ug/l		99
61) 1,2-Dibromoethane	11.471	107	130421	52.842	ug/l		97
64) Tetrachloroethene	11.106	164	118659	49.151	ug/l		98
65) Chlorobenzene	11.894	112	360407	50.089	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	128982	54.420	ug/l		99
67) Ethyl Benzene	11.965	91	651712	50.632	ug/l		98
68) m/p-Xylenes	12.071	106	486832	103.197	ug/l		94
69) o-Xylene	12.400	106	239474	52.405	ug/l		92
70) Styrene	12.412	104	406982	53.618	ug/l		96
71) Bromoform	12.582	173	105120	55.684	ug/l	#	99
73) Isopropylbenzene	12.694	105	624503	50.642	ug/l		98
74) N-amyl acetate	12.494	43	334139	49.261	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	180123	50.671	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	172394m	52.767	ug/l		
77) Bromobenzene	12.982	156	148546	50.547	ug/l		90
78) n-propylbenzene	13.035	91	722873	49.503	ug/l		97
79) 2-Chlorotoluene	13.129	91	444667	48.494	ug/l		94
80) 1,3,5-Trimethylbenzene	13.176	105	505898	50.736	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	67367	48.229	ug/l	#	71
82) 4-Chlorotoluene	13.223	91	439591	49.032	ug/l		96
83) tert-Butylbenzene	13.441	119	440744	50.525	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	519489	50.923	ug/l		96
85) sec-Butylbenzene	13.618	105	610751	50.512	ug/l		97
86) p-Isopropyltoluene	13.729	119	502605	51.147	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	268429	50.417	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	264782	48.727	ug/l		97
89) n-Butylbenzene	14.059	91	434060	49.145	ug/l		98
90) Hexachloroethane	14.335	117	94479	51.893	ug/l		94
91) 1,2-Dichlorobenzene	14.106	146	258104	51.214	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40391	55.303	ug/l		87
93) 1,2,4-Trichlorobenzene	15.394	180	138296	48.955	ug/l		97
94) Hexachlorobutadiene	15.506	225	56676	45.722	ug/l		98
95) Naphthalene	15.641	128	493861	55.785	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	139319	49.264	ug/l		96

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

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

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