

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080708.D
 Acq On : 12 Jan 2024 22:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2024
 Supervised By : Mahesh Dadoda 01/15/2024

Quant Time: Jan 13 03:20:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	194375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	392163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	325749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	147008	43.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.140%		
35) Dibromofluoromethane	8.165	113	110581	49.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.260%		
50) Toluene-d8	10.565	98	432124	50.861	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.720%		
62) 4-Bromofluorobenzene	12.847	95	152134	46.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	137073	43.407	ug/l	95
3) Chloromethane	2.359	50	165734	46.525	ug/l	96
4) Vinyl Chloride	2.512	62	125943	43.958	ug/l	98
5) Bromomethane	2.948	94	47372	43.501	ug/l	94
6) Chloroethane	3.118	64	72191	46.969	ug/l	98
7) Trichlorofluoromethane	3.495	101	190526	40.268	ug/l	97
8) Diethyl Ether	3.959	74	91406	44.205	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.365	101	111110	43.085	ug/l	95
10) Methyl Iodide	4.589	142	96790	44.885	ug/l	98
11) Tert butyl alcohol	5.512	59	112253	194.454	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	121947	42.021	ug/l #	79
13) Acrolein	4.177	56	92295	191.348	ug/l	96
14) Allyl chloride	5.018	41	234000	40.676	ug/l #	92
15) Acrylonitrile	5.712	53	336378	223.142	ug/l	99
16) Acetone	4.424	43	229183	204.509	ug/l	90
17) Carbon Disulfide	4.712	76	357048	40.226	ug/l	96
18) Methyl Acetate	5.018	43	150525	45.107	ug/l #	80
19) Methyl tert-butyl Ether	5.795	73	440311	44.031	ug/l	93
20) Methylene Chloride	5.277	84	142425	43.535	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	131281	44.599	ug/l #	71
22) Diisopropyl ether	6.671	45	514048	47.387	ug/l #	88
23) Vinyl Acetate	6.600	43	1981832	224.462	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	272750	45.932	ug/l	97
25) 2-Butanone	7.483	43	429861	212.207	ug/l #	77
26) 2,2-Dichloropropane	7.489	77	208777	40.201	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	155310	47.862	ug/l	81
28) Bromochloromethane	7.812	49	130114	46.869	ug/l #	63
29) Tetrahydrofuran	7.836	42	302089	221.255	ug/l #	71
30) Chloroform	7.971	83	248400	44.621	ug/l	91
31) Cyclohexane	8.253	56	226941	43.034	ug/l #	78
32) 1,1,1-Trichloroethane	8.165	97	214651	43.317	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	195211	42.770	ug/l	93
37) Ethyl Acetate	7.559	43	190644	43.074	ug/l #	92
38) Carbon Tetrachloride	8.359	117	160377	39.134	ug/l	95
39) Methylcyclohexane	9.600	83	195431	44.743	ug/l #	79
40) Benzene	8.606	78	597365	46.556	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	111593	43.468	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	200310	40.778	ug/l	98
43) Isopropyl Acetate	8.688	43	349571	42.968	ug/l #	88
44) Trichloroethene	9.353	130	123331	42.458	ug/l	77
45) 1,2-Dichloropropane	9.624	63	157698	46.358	ug/l	98
46) Dibromomethane	9.706	93	91517	42.522	ug/l	95
47) Bromodichloromethane	9.888	83	196591	41.154	ug/l #	93
48) Methyl methacrylate	9.683	41	163118	42.349	ug/l #	77
49) 1,4-Dioxane	9.694	88	42851	892.857	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	952933	217.118	ug/l	87
52) Toluene	10.630	92	339926	46.239	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	228605	43.116	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	250680	44.583	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	132912	46.972	ug/l	91
56) Ethyl methacrylate	10.877	69	229012	45.186	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	241600	46.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	531347	218.884	ug/l #	85
59) 2-Hexanone	11.194	43	687892	212.310	ug/l	87
60) Dibromochloromethane	11.359	129	128849	44.307	ug/l	100
61) 1,2-Dibromoethane	11.471	107	128557	46.217	ug/l	96
64) Tetrachloroethene	11.106	164	100468	44.911	ug/l	92
65) Chlorobenzene	11.894	112	336622	47.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	111187	44.002	ug/l	97
67) Ethyl Benzene	11.965	91	628760	46.267	ug/l	96
68) m/p-Xylenes	12.071	106	461255	96.542	ug/l	93
69) o-Xylene	12.400	106	226133	48.407	ug/l	91
70) Styrene	12.412	104	381463	48.087	ug/l	96
71) Bromoform	12.582	173	77108	44.356	ug/l #	97
73) Isopropylbenzene	12.694	105	554670	46.899	ug/l	99
74) N-amyl acetate	12.494	43	321447	45.290	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	172538	44.474	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	159851m	41.681	ug/l	
77) Bromobenzene	12.982	156	114143	45.439	ug/l	75
78) n-propylbenzene	13.035	91	680811	46.926	ug/l	95
79) 2-Chlorotoluene	13.123	91	415233	44.659	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	452632	45.922	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	68475	42.091	ug/l #	78
82) 4-Chlorotoluene	13.223	91	406186	44.562	ug/l	92
83) tert-Butylbenzene	13.441	119	358544	45.503	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	446604	46.080	ug/l	97
85) sec-Butylbenzene	13.618	105	530556	47.389	ug/l	97
86) p-Isopropyltoluene	13.729	119	410637	46.441	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	202078	45.039	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	205981	45.064	ug/l	97
89) n-Butylbenzene	14.059	91	396206	46.488	ug/l	97
90) Hexachloroethane	14.335	117	70605	43.057	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	195821	46.316	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33223	37.321	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	99999	45.414	ug/l	97
94) Hexachlorobutadiene	15.506	225	42095	39.835	ug/l	98
95) Naphthalene	15.641	128	377414	43.552	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	95581	44.845	ug/l	96

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

