

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075023.D
 Acq On : 26 Oct 2022 14:14
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 27 09:55:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	94016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	146565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.594	65	1159	0.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	1.820%#		
35) Dibromofluoromethane	8.171	113	862	0.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	1.700%#		
50) Toluene-d8	10.565	98	4157	1.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.120%#		
62) 4-Bromofluorobenzene	12.847	95	1311	0.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	1.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	950	0.777	ug/l #	41
3) Chloromethane	2.377	50	1576	1.213	ug/l	99
4) Vinyl Chloride	2.518	62	1873	1.011	ug/l #	72
5) Bromomethane	2.936	94	2161	Below Cal	#	73
6) Chloroethane	3.112	64	1407	1.059	ug/l	100
7) Trichlorofluoromethane	3.489	101	1942	1.026	ug/l	88
8) Diethyl Ether	3.977	74	523	0.757	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.365	101	344	0.329	ug/l #	70
10) Methyl Iodide	4.595	142	1421	0.913	ug/l #	82
11) Tert butyl alcohol	5.553	59	1225	4.147	ug/l #	72
12) 1,1-Dichloroethene	4.342	96	929	0.932	ug/l #	77
13) Acrolein	4.195	56	1433	5.931	ug/l	92
14) Allyl chloride	5.030	41	1101	0.756	ug/l #	63
15) Acrylonitrile	5.730	53	3012	4.827	ug/l	100
16) Acetone	4.459	43	3234	6.029	ug/l	90
17) Carbon Disulfide	4.724	76	2989	1.193	ug/l #	74
18) Methyl Acetate	5.048	43	2258	1.289	ug/l #	79
19) Methyl tert-butyl Ether	5.812	73	3262	0.881	ug/l #	89
20) Methylene Chloride	5.283	84	1607	1.344	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	370	0.339	ug/l #	62
22) Diisopropyl ether	6.683	45	2947	0.917	ug/l #	88
23) Vinyl Acetate	6.618	43	10554	3.935	ug/l	99
24) 1,1-Dichloroethane	6.571	63	1838	0.905	ug/l #	82
25) 2-Butanone	7.506	43	4733	5.610	ug/l #	70
26) 2,2-Dichloropropane	7.489	77	1906	1.020	ug/l	77
27) cis-1,2-Dichloroethene	7.494	96	1291	0.991	ug/l	96
28) Bromochloromethane	7.812	49	765	0.893	ug/l #	77
29) Tetrahydrofuran	7.847	42	2636	4.835	ug/l #	90
30) Chloroform	7.971	83	2251	1.021	ug/l	99
31) Cyclohexane	8.236	56	4547	2.413	ug/l #	63
32) 1,1,1-Trichloroethane	8.183	97	1933	0.965	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	1563	0.996	ug/l	94
37) Ethyl Acetate	7.565	43	494	0.287	ug/l #	82
38) Carbon Tetrachloride	8.359	117	1811	1.049	ug/l #	61
39) Methylcyclohexane	9.600	83	1770	0.854	ug/l #	81
40) Benzene	8.612	78	4620	0.962	ug/l	93

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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	7.783	41	682	0.827	ug/l #	73
42) 1,2-Dichloroethane	8.671	62	1817	1.040	ug/l	83
43) Isopropyl Acetate	8.700	43	2444	0.916	ug/l #	87
44) Trichloroethene	9.359	130	1190	0.987	ug/l	94
45) 1,2-Dichloropropane	9.624	63	1265	1.106	ug/l #	42
46) Dibromomethane	9.718	93	782	0.878	ug/l	89
47) Bromodichloromethane	9.894	83	1470	0.852	ug/l #	75
48) Methyl methacrylate	9.694	41	1046	0.854	ug/l	93
49) 1,4-Dioxane	9.700	88	573	17.871	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	7906	4.590	ug/l	90
52) Toluene	10.630	92	3026	0.942	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	1471	0.808	ug/l #	84
54) cis-1,3-Dichloropropene	10.318	75	1641	0.850	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	1236	0.971	ug/l #	86
56) Ethyl methacrylate	10.882	69	1498	0.771	ug/l	88
57) 1,3-Dichloropropane	11.165	76	2166	1.021	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	3300	4.394	ug/l	95
59) 2-Hexanone	11.200	43	6137	4.694	ug/l	89
60) Dibromochloromethane	11.359	129	1090	0.811	ug/l	85
61) 1,2-Dibromoethane	11.471	107	974	0.746	ug/l	100
64) Tetrachloroethene	11.106	164	810	0.901	ug/l #	73
65) Chlorobenzene	11.894	112	3262	1.043	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	1137	0.980	ug/l #	59
67) Ethyl Benzene	11.965	91	5075	0.902	ug/l #	74
68) m/p-Xylenes	12.071	106	4085	1.809	ug/l	100
69) o-Xylene	12.400	106	1735	0.777	ug/l	80
70) Styrene	12.412	104	2749	0.772	ug/l #	86
71) Bromoform	12.588	173	583	0.671	ug/l #	75
73) Isopropylbenzene	12.700	105	4571	0.971	ug/l	98
74) N-amyl acetate	12.500	43	2016	1.158	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	1724	Below Cal	#	89
76) 1,2,3-Trichloropropane	13.000	75	2244	1.803	ug/l	80
77) Bromobenzene	12.982	156	1108	1.069	ug/l	82
78) n-propylbenzene	13.041	91	5231	0.990	ug/l	97
79) 2-Chlorotoluene	13.129	91	3523	1.091	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	3761	0.951	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	291	0.600	ug/l #	65
82) 4-Chlorotoluene	13.129	91	3523	1.091	ug/l	97
83) tert-Butylbenzene	13.447	119	3495	0.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	3518	0.880	ug/l	95
85) sec-Butylbenzene	13.618	105	4221	0.859	ug/l	94
86) p-Isopropyltoluene	13.729	119	3394	0.836	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	2351	1.159	ug/l	84
88) 1,4-Dichlorobenzene	13.812	146	2622	1.306	ug/l	93
89) n-Butylbenzene	14.059	91	2839	0.869	ug/l	94
90) Hexachloroethane	14.335	117	603	0.810	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	2344	1.162	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.723	75	150	0.472	ug/l #	65
93) 1,2,4-Trichlorobenzene	15.400	180	1148	1.323	ug/l	89
94) Hexachlorobutadiene	15.506	225	211	0.499	ug/l	96
95) Naphthalene	15.635	128	4459	1.336	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.841	180	1291	1.497	ug/l #	70

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

