

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077255.D
 Acq On : 05 Apr 2023 11:15
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 11:47:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 11:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	497443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.107	114	949662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	842535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	317978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	35382	6.909	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	13.820%	#	
35) Dibromofluoromethane	8.172	113	34905	5.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.920%	#	
50) Toluene-d8	10.566	98	125974	5.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.880%	#	
62) 4-Bromofluorobenzene	12.854	95	41151	5.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.740%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	27929	10.987	ug/l	85
3) Chloromethane	2.372	50	37654	11.478	ug/l	98
4) Vinyl Chloride	2.519	62	50919	14.242	ug/l	# 81
5) Bromomethane	2.949	94	39162	15.235	ug/l	87
6) Chloroethane	3.119	64	34137	11.419	ug/l	91
7) Trichlorofluoromethane	3.502	101	46033	5.683	ug/l	88
8) Diethyl Ether	3.972	74	21472	6.884	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.378	101	28936	5.984	ug/l	91
10) Methyl Iodide	4.596	142	33206	5.600	ug/l	# 88
11) Tert butyl alcohol	5.548	59	36081	43.423	ug/l	# 72
12) 1,1-Dichloroethene	4.354	96	31209	6.979	ug/l	# 70
13) Acrolein	4.184	56	36806	41.744	ug/l	98
14) Allyl chloride	5.031	41	41446	5.347	ug/l	# 80
15) Acrylonitrile	5.743	53	78782	28.835	ug/l	98
16) Acetone	4.449	43	67700	26.588	ug/l	98
17) Carbon Disulfide	4.713	76	79113	6.645	ug/l	# 95
18) Methyl Acetate	5.037	43	46071	4.811	ug/l	# 83
19) Methyl tert-butyl Ether	5.801	73	104591	6.990	ug/l	92
20) Methylene Chloride	5.284	84	35547	6.236	ug/l	# 86
21) trans-1,2-Dichloroethene	5.795	96	33759	6.904	ug/l	# 70
22) Diisopropyl ether	6.678	45	88762	5.415	ug/l	# 95
23) Vinyl Acetate	6.619	43	300079	30.508	ug/l	# 91
24) 1,1-Dichloroethane	6.578	63	56807	5.900	ug/l	98
25) 2-Butanone	7.489	43	102383	28.286	ug/l	90
26) 2,2-Dichloropropane	7.501	77	54952	7.714	ug/l	95
27) cis-1,2-Dichloroethene	7.501	96	39137	6.693	ug/l	90
28) Bromochloromethane	7.813	49	25242	6.007	ug/l	95
29) Tetrahydrofuran	7.854	42	65999	29.001	ug/l	# 82
30) Chloroform	7.978	83	60806	6.411	ug/l	97
31) Cyclohexane	8.254	56	60914	6.744	ug/l	# 95
32) 1,1,1-Trichloroethane	8.172	97	54482	6.809	ug/l	# 50
36) 1,1-Dichloropropene	8.378	75	44140	5.131	ug/l	97
37) Ethyl Acetate	7.572	43	42420	4.915	ug/l	# 92
38) Carbon Tetrachloride	8.366	117	45420	5.149	ug/l	89
39) Methylcyclohexane	9.607	83	57985	5.496	ug/l	# 88
40) Benzene	8.607	78	135642	5.022	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	20597	4.366	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	44060	4.985	ug/l	95
43) Isopropyl Acetate	8.695	43	71987	5.317	ug/l #	97
44) Trichloroethene	9.354	130	33801	4.837	ug/l	87
45) 1,2-Dichloropropane	9.631	63	35612	4.956	ug/l	95
46) Dibromomethane	9.707	93	23724	5.193	ug/l #	77
47) Bromodichloromethane	9.889	83	49288	5.480	ug/l	97
48) Methyl methacrylate	9.683	41	30093	4.608	ug/l #	79
49) 1,4-Dioxane	9.707	88	15791	127.097	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	216130	25.210	ug/l	97
52) Toluene	10.636	92	87763	5.372	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	52118	5.875	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	57144	5.545	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	38966	5.766	ug/l	96
56) Ethyl methacrylate	10.878	69	56468	6.036	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	58912	5.132	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.166	63	89526	27.683	ug/l	95
59) 2-Hexanone	11.201	43	158757	25.516	ug/l	97
60) Dibromochloromethane	11.354	129	36437	5.189	ug/l	98
61) 1,2-Dibromoethane	11.472	107	37170	5.665	ug/l	99
64) Tetrachloroethene	11.107	164	26823	4.348	ug/l	89
65) Chlorobenzene	11.895	112	94069	5.288	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.966	131	35340	5.184	ug/l	95
67) Ethyl Benzene	11.966	91	168617	5.623	ug/l	99
68) m/p-Xylenes	12.072	106	130029	11.148	ug/l	96
69) o-Xylene	12.401	106	65951	5.863	ug/l	99
70) Styrene	12.413	104	102353	5.716	ug/l	99
71) Bromoform	12.583	173	24787	4.632	ug/l #	96
73) Isopropylbenzene	12.701	105	164044	6.918	ug/l	100
74) N-amyl acetate	12.495	43	61364	7.020	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	56010	6.792	ug/l	94
76) 1,2,3-Trichloropropane	12.995	75	38126m	5.365	ug/l	
77) Bromobenzene	12.983	156	33993	5.354	ug/l	90
78) n-propylbenzene	13.036	91	172956	6.614	ug/l	99
79) 2-Chlorotoluene	13.124	91	106364	6.324	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	128739	6.754	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	17269m	6.947	ug/l	
82) 4-Chlorotoluene	13.224	91	97665	6.180	ug/l	99
83) tert-Butylbenzene	13.442	119	113957	6.562	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	121352	6.519	ug/l	97
85) sec-Butylbenzene	13.618	105	152282	6.495	ug/l	94
86) p-Isopropyltoluene	13.730	119	121020	6.329	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	58047	5.210	ug/l	94
88) 1,4-Dichlorobenzene	13.813	146	57556	5.236	ug/l	92
89) n-Butylbenzene	14.060	91	92488	6.039	ug/l	97
90) Hexachloroethane	14.336	117	28452	7.152	ug/l	68
91) 1,2-Dichlorobenzene	14.113	146	58872	5.380	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9123	6.622	ug/l	90
93) 1,2,4-Trichlorobenzene	15.371	180	16431	3.859	ug/l	94
94) Hexachlorobutadiene	15.465	225	11255	3.090	ug/l	93
95) Naphthalene	15.589	128	52365	4.626	ug/l	97
96) 1,2,3-Trichlorobenzene	15.754	180	14981	3.583	ug/l	88

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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

