

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070890.D
 Acq On : 2 Feb 2022 13:21
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 02 15:18:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:12:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	789815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1317389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1174581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	451813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	55553	4.908	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.820%#		
35) Dibromofluoromethane	8.019	113	40030	4.899	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.800%#		
50) Toluene-d8	10.440	98	164660	4.783	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.560%#		
62) 4-Bromofluorobenzene	12.731	95	55967	4.562	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.120%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	42518	4.659	ug/l	99
3) Chloromethane	2.301	50	53048	3.976	ug/l	99
4) Vinyl Chloride	2.448	62	45229	3.565	ug/l	100
5) Bromomethane	2.842	94	25422	3.847	ug/l	96
6) Chloroethane	3.011	64	22963	2.900	ug/l	98
7) Trichlorofluoromethane	3.373	101	51911	3.581	ug/l	100
8) Diethyl Ether	3.824	74	30771	4.860	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	40413m	4.613	ug/l	
10) Methyl Iodide	4.417	142	52424	4.641	ug/l	97
11) Tert butyl alcohol	5.382	59	53961	26.424	ug/l #	87
12) 1,1-Dichloroethene	4.178	96	40265	4.608	ug/l	91
13) Acrolein	4.039	56	71584	24.441	ug/l	99
14) Allyl chloride	4.840	41	91458	4.804	ug/l	86
15) Acrylonitrile	5.557	53	157075	24.178	ug/l	99
16) Acetone	4.288	43	156833	19.962	ug/l	99
17) Carbon Disulfide	4.524	76	125103	5.272	ug/l	98
18) Methyl Acetate	4.859	43	85783	5.552	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	152581	4.888	ug/l	95
20) Methylene Chloride	5.093	84	50094	4.841	ug/l	92
21) trans-1,2-Dichloroethene	5.599	96	43249m	4.918	ug/l	
22) Diisopropyl ether	6.498	45	180897	4.794	ug/l	90
23) Vinyl Acetate	6.431	43	779168	24.359	ug/l	95
24) 1,1-Dichloroethane	6.385	63	91637	4.855	ug/l	99
25) 2-Butanone	7.337	43	229841	23.249	ug/l	94
26) 2,2-Dichloropropane	7.324	77	70446	4.868	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	52414	5.017	ug/l	90
28) Bromochloromethane	7.659	49	38213	4.509	ug/l #	79
29) Tetrahydrofuran	7.689	42	148048	24.457	ug/l	89
30) Chloroform	7.815	83	88204	4.162	ug/l	97
31) Cyclohexane	8.094	56	103464	5.191	ug/l #	88
32) 1,1,1-Trichloroethane	8.016	97	72637	4.958	ug/l	96
36) 1,1-Dichloropropene	8.220	75	63837	4.640	ug/l	95
37) Ethyl Acetate	7.415	43	90245	4.941	ug/l	98
38) Carbon Tetrachloride	8.204	117	60994	4.984	ug/l	99
39) Methylcyclohexane	9.459	83	76843	4.525	ug/l #	87
40) Benzene	8.458	78	208770	4.898	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	44304	4.768	ug/l	90
42) 1,2-Dichloroethane	8.531	62	73239	4.955	ug/l	100
43) Isopropyl Acetate	8.560	43	147702	5.295	ug/l #	92
44) Trichloroethene	9.215	130	47622	4.928	ug/l	93
45) 1,2-Dichloropropane	9.491	63	56048	4.833	ug/l	97
46) Dibromomethane	9.574	93	33237	4.929	ug/l	96
47) Bromodichloromethane	9.762	83	64361	4.669	ug/l	99
48) Methyl methacrylate	9.558	41	58943	4.435	ug/l	89
49) 1,4-Dioxane	9.571	88	20405	102.216	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	437777	24.593	ug/l	97
52) Toluene	10.505	92	126691	4.969	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	70708	4.781	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	76546	4.630	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	48300	4.822	ug/l	99
56) Ethyl methacrylate	10.760	69	78534	4.664	ug/l	89
57) 1,3-Dichloropropane	11.041	76	85801	4.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	73993	18.610	ug/l	93
59) 2-Hexanone	11.084	43	310910	24.043	ug/l	96
60) Dibromochloromethane	11.237	129	45502	4.870	ug/l	99
61) 1,2-Dibromoethane	11.344	107	49180	4.890	ug/l	99
64) Tetrachloroethene	10.977	164	40861	4.745	ug/l	97
65) Chlorobenzene	11.768	112	127289	5.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	43871	5.006	ug/l	95
67) Ethyl Benzene	11.843	91	229017	4.854	ug/l	95
68) m/p-Xylenes	11.953	106	170613	9.940	ug/l	94
69) o-Xylene	12.278	106	85376	5.012	ug/l	96
70) Styrene	12.294	104	128545	4.717	ug/l	97
71) Bromoform	12.457	173	34632	5.232	ug/l #	100
73) Isopropylbenzene	12.578	105	211130	4.939	ug/l	97
74) N-amyl acetate	12.388	43	85172	4.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.825	83	74380	5.153	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	58642m	4.894	ug/l	
77) Bromobenzene	12.860	156	50763	5.297	ug/l	78
78) n-propylbenzene	12.919	91	229817	4.808	ug/l	96
79) 2-Chlorotoluene	13.004	91	147572	4.880	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	168289	4.869	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	19813	4.926	ug/l	94
82) 4-Chlorotoluene	13.104	91	136931	4.847	ug/l	94
83) tert-Butylbenzene	13.321	119	146450	4.867	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	163121	4.909	ug/l	99
85) sec-Butylbenzene	13.501	105	200549	4.903	ug/l	97
86) p-Isopropyltoluene	13.613	119	158173	4.922	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	79831	5.008	ug/l	94
88) 1,4-Dichlorobenzene	13.694	146	81406	5.131	ug/l	92
89) n-Butylbenzene	13.940	91	132590	5.002	ug/l	98
90) Hexachloroethane	14.209	117	27623	4.918	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	77732	4.935	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	11411	4.660	ug/l	85
93) 1,2,4-Trichlorobenzene	15.263	180	36355	5.197	ug/l	96
94) Hexachlorobutadiene	15.367	225	27903	5.982	ug/l	96
95) Naphthalene	15.507	128	81970	4.534	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	34158	5.123	ug/l	98

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

