

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074931.D
 Acq On : 19 Oct 2022 15:20
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 20 05:45:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	221590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	377492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	29835	5.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.340%#		
35) Dibromofluoromethane	8.177	113	22166	5.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.700%#		
50) Toluene-d8	10.571	98	80565	4.797	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.600%#		
62) 4-Bromofluorobenzene	12.853	95	22281	4.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.720%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	21898	5.712	ug/l	99
3) Chloromethane	2.383	50	30963	5.347	ug/l #	85
4) Vinyl Chloride	2.536	62	50543	5.489	ug/l	99
5) Bromomethane	2.930	94	65350	7.030	ug/l	93
6) Chloroethane	3.112	64	45635m	5.010	ug/l	
7) Trichlorofluoromethane	3.500	101	34550	5.712	ug/l #	76
8) Diethyl Ether	3.983	74	14471m	5.219	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.400	101	21490m	5.674	ug/l	
10) Methyl Iodide	4.606	142	27943	5.535	ug/l	96
11) Tert butyl alcohol	5.565	59	35269	28.453	ug/l #	92
12) 1,1-Dichloroethene	4.359	96	18700	5.400	ug/l #	71
13) Acrolein	4.212	56	27302	30.081	ug/l	97
14) Allyl chloride	5.041	41	34201m	5.070	ug/l	
15) Acrylonitrile	5.741	53	77176	24.959	ug/l	97
16) Acetone	4.453	43	70151	26.240	ug/l #	86
17) Carbon Disulfide	4.736	76	45238	5.621	ug/l #	93
18) Methyl Acetate	5.053	43	42860	4.520	ug/l #	83
19) Methyl tert-butyl Ether	5.812	73	69006	5.104	ug/l	97
20) Methylene Chloride	5.289	84	27441	5.168	ug/l #	78
21) trans-1,2-Dichloroethene	5.812	96	21591	5.595	ug/l	88
22) Diisopropyl ether	6.694	45	75083	5.126	ug/l	94
23) Vinyl Acetate	6.624	43	297519	26.839	ug/l	99
24) 1,1-Dichloroethane	6.583	63	42823	5.280	ug/l	95
25) 2-Butanone	7.506	43	108076	24.892	ug/l	99
26) 2,2-Dichloropropane	7.494	77	32195	4.772	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	26655	5.230	ug/l	96
28) Bromochloromethane	7.824	49	16601	4.607	ug/l #	99
29) Tetrahydrofuran	7.853	42	70076	25.040	ug/l	98
30) Chloroform	7.982	83	41301	5.091	ug/l	86
31) Cyclohexane	8.247	56	42474	6.303	ug/l #	70
32) 1,1,1-Trichloroethane	8.182	97	34633	5.042	ug/l	94
36) 1,1-Dichloropropene	8.382	75	31379	5.553	ug/l	95
37) Ethyl Acetate	7.577	43	41276	4.941	ug/l #	94
38) Carbon Tetrachloride	8.371	117	28878	5.212	ug/l #	91
39) Methylcyclohexane	9.606	83	33989	5.176	ug/l	92
40) Benzene	8.612	78	98902	5.440	ug/l	100

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Quant Time: Oct 20 05:45:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
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Manual Integrations
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Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	22190	5.061	ug/l #	92
42) 1,2-Dichloroethane	8.682	62	30946	4.981	ug/l	99
43) Isopropyl Acetate	8.700	43	62270	4.935	ug/l #	97
44) Trichloroethene	9.359	130	21128	5.010	ug/l	85
45) 1,2-Dichloropropane	9.629	63	24863	4.977	ug/l #	84
46) Dibromomethane	9.712	93	16751	5.152	ug/l	91
47) Bromodichloromethane	9.894	83	30506	4.977	ug/l	88
48) Methyl methacrylate	9.682	41	26758	4.850	ug/l	95
49) 1,4-Dioxane	9.694	88	12511	101.776	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	208321	24.609	ug/l	98
52) Toluene	10.635	92	58692	5.157	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	30072	4.604	ug/l #	89
54) cis-1,3-Dichloropropene	10.312	75	37082	5.145	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	24689	5.226	ug/l #	91
56) Ethyl methacrylate	10.876	69	37363	5.118	ug/l	98
57) 1,3-Dichloropropane	11.165	76	43054	5.215	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.165	63	69460	22.578	ug/l	97
59) 2-Hexanone	11.200	43	150063	24.093	ug/l	99
60) Dibromochloromethane	11.359	129	20492	4.431	ug/l	94
61) 1,2-Dibromoethane	11.470	107	21741	4.659	ug/l	96
64) Tetrachloroethene	11.100	164	17422	5.160	ug/l #	92
65) Chlorobenzene	11.894	112	61413	5.235	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	21540	4.857	ug/l	96
67) Ethyl Benzene	11.965	91	104226	5.145	ug/l	92
68) m/p-Xylenes	12.070	106	75644	9.692	ug/l	98
69) o-Xylene	12.406	106	38181	4.760	ug/l	83
70) Styrene	12.412	104	58877	4.885	ug/l	96
71) Bromoform	12.576	173	13326	4.388	ug/l #	84
73) Isopropylbenzene	12.700	105	96082	5.217	ug/l	97
74) N-amyl acetate	12.494	43	48950	5.314	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	39594	5.600	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	26739m	5.299	ug/l	
77) Bromobenzene	12.982	156	21506	5.341	ug/l	99
78) n-propylbenzene	13.035	91	109705	5.330	ug/l	100
79) 2-Chlorotoluene	13.129	91	61293	5.143	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	72018	4.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	9006	4.566	ug/l #	81
82) 4-Chlorotoluene	13.129	91	61293	5.143	ug/l	100
83) tert-Butylbenzene	13.435	119	70121	5.322	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	70728	5.037	ug/l	96
85) sec-Butylbenzene	13.617	105	93213	5.226	ug/l	96
86) p-Isopropyltoluene	13.729	119	65484	4.740	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	35596	5.024	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	36313	5.193	ug/l	93
89) n-Butylbenzene	14.059	91	49892	4.360	ug/l	95
90) Hexachloroethane	14.335	117	15263	5.026	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	33615	4.938	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5822	4.808	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	17505	5.311	ug/l	96
94) Hexachlorobutadiene	15.500	225	8350	4.763	ug/l	91
95) Naphthalene	15.641	128	58354	4.537	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	18750	5.206	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Oct 20 05:43:46 2022
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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

