

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074939.D
 Acq On : 20 Oct 2022 13:51
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	434580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	743421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	770105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	442069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	7430	1.022	ug/l	84
3) Chloromethane	2.371	50	13952	1.317	ug/l	89
4) Vinyl Chloride	2.530	62	14483	0.866	ug/l #	80
6) Chloroethane	3.124	64	13216	0.868	ug/l #	83
7) Trichlorofluoromethane	3.506	101	16942	1.458	ug/l	97
8) Diethyl Ether	3.971	74	6069	1.178	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	9793m	1.385	ug/l	
12) 1,1-Dichloroethene	4.359	96	9873m	1.439	ug/l	
14) Allyl chloride	5.048	41	10988	0.876	ug/l #	82
15) Acrylonitrile	5.730	53	23182	4.099	ug/l	91
16) Acetone	4.448	43	33238	6.857	ug/l	96
17) Carbon Disulfide	4.718	76	20940	1.393	ug/l #	92
18) Methyl Acetate	5.048	43	16374	0.953	ug/l #	88
19) Methyl tert-butyl Ether	5.812	73	28979	1.090	ug/l	92
20) Methylene Chloride	5.289	84	14165	1.445	ug/l #	62
21) trans-1,2-Dichloroethene	5.789	96	9638	1.285	ug/l #	76
22) Diisopropyl ether	6.677	45	25338	0.945	ug/l #	73
23) Vinyl Acetate	6.612	43	91043m	4.228	ug/l	
24) 1,1-Dichloroethane	6.589	63	15253	0.973	ug/l #	94
25) 2-Butanone	7.500	43	37861	4.801	ug/l	98
26) 2,2-Dichloropropane	7.500	77	16412	1.318	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	10903	1.143	ug/l	98
28) Bromochloromethane	7.818	49	6156	0.875	ug/l #	96
29) Tetrahydrofuran	7.853	42	22314	4.212	ug/l	90
30) Chloroform	7.977	83	19506	1.207	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	17664	1.290	ug/l #	35
36) 1,1-Dichloropropene	8.377	75	13769	1.242	ug/l	98
37) Ethyl Acetate	7.565	43	13493	0.906	ug/l #	93
38) Carbon Tetrachloride	8.371	117	14079	1.276	ug/l #	87
39) Methylcyclohexane	9.600	83	15868	1.258	ug/l	94
40) Benzene	8.606	78	40070	1.127	ug/l	98
41) Methacrylonitrile	7.794	41	7333	0.937	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	14238	1.196	ug/l	98
43) Isopropyl Acetate	8.688	43	21280	0.884	ug/l	97
44) Trichloroethene	9.359	130	10342	1.288	ug/l	67
45) 1,2-Dichloropropane	9.618	63	9789	1.017	ug/l #	73

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 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	6570	1.063	ug/l #	84
47) Bromodichloromethane	9.888	83	14891	1.201	ug/l #	82
48) Methyl methacrylate	9.688	41	8395	0.779	ug/l	95
49) 1,4-Dioxane	9.700	88	4869	20.150	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	66224	4.252	ug/l	92
52) Toluene	10.635	92	24655	1.127	ug/l	89
53) t-1,3-Dichloropropene	10.841	75	12028	0.946	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	16224	1.182	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	9895	1.092	ug/l	92
56) Ethyl methacrylate	10.871	69	13297	0.922	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	17418	1.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	19682	3.326	ug/l	99
59) 2-Hexanone	11.200	43	47985	4.189	ug/l	94
60) Dibromochloromethane	11.359	129	10218	1.153	ug/l	89
61) 1,2-Dibromoethane	11.465	107	9807	1.117	ug/l	86
64) Tetrachloroethene	11.112	164	7917	1.236	ug/l	86
65) Chlorobenzene	11.888	112	27023	1.236	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	9505	1.173	ug/l #	65
67) Ethyl Benzene	11.959	91	44599	1.160	ug/l	93
68) m/p-Xylenes	12.071	106	32466	2.232	ug/l	100
69) o-Xylene	12.400	106	15824	1.047	ug/l	94
70) Styrene	12.412	104	22870	0.972	ug/l #	89
71) Bromoform	12.576	173	6794	1.184	ug/l #	97
73) Isopropylbenzene	12.694	105	36375	0.926	ug/l	91
74) N-amyl acetate	12.494	43	15636	0.806	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	14849	0.969	ug/l	91
76) 1,2,3-Trichloropropane	12.994	75	13931m	1.254	ug/l	
77) Bromobenzene	12.976	156	10002	1.143	ug/l	89
78) n-propylbenzene	13.035	91	46907	1.064	ug/l	100
79) 2-Chlorotoluene	13.124	91	30160	1.202	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	31647	1.030	ug/l	94
82) 4-Chlorotoluene	13.124	91	30160	1.202	ug/l	97
83) tert-Butylbenzene	13.441	119	27129	0.949	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	32085	1.092	ug/l	97
85) sec-Butylbenzene	13.618	105	38671	0.995	ug/l	98
86) p-Isopropyltoluene	13.729	119	31621	1.076	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	15740	1.079	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	16996m	1.160	ug/l	
89) n-Butylbenzene	14.059	91	27410	1.127	ug/l	100
90) Hexachloroethane	14.335	117	6730	1.089	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	18595	1.264	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2631	1.066	ug/l	66
93) 1,2,4-Trichlorobenzene	15.394	180	7151	0.984	ug/l	87
94) Hexachlorobutadiene	15.506	225	4387	1.180	ug/l	77
95) Naphthalene	15.641	128	23677	0.873	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.835	180	7378	0.996	ug/l	92

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

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