

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074452.D
 Acq On : 15 Sep 2022 09:59
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 15 13:02:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 13:01:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	439180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	834431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	698337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	259794	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	2.040	85	6142	1.079	ug/l	88
3) Chloromethane	2.263	50	9431	1.174	ug/l	97
4) Vinyl Chloride	2.405	62	9944	1.046	ug/l #	82
7) Trichlorofluoromethane	3.328	101	11622	1.238	ug/l #	80
8) Diethyl Ether	3.763	74	6341	1.601	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	4.146	101	6202	1.102	ug/l #	46
12) 1,1-Dichloroethene	4.122	96	8233	1.504	ug/l #	55
14) Allyl chloride	4.769	41	12582	1.048	ug/l #	80
15) Acrylonitrile	5.469	53	30098	6.619	ug/l #	93
16) Acetone	4.216	43	28228	6.881	ug/l #	65
17) Carbon Disulfide	4.463	76	17492	1.176	ug/l #	73
18) Methyl Acetate	4.763	43	17706	1.464	ug/l #	78
19) Methyl tert-butyl Ether	5.528	73	26280	1.193	ug/l	96
20) Methylene Chloride	5.016	84	12355m	1.744	ug/l	
21) trans-1,2-Dichloroethene	5.504	96	10092m	1.645	ug/l	
22) Diisopropyl ether	6.404	45	27504	1.138	ug/l #	96
23) Vinyl Acetate	6.346	43	124031	5.748	ug/l #	95
24) 1,1-Dichloroethane	6.310	63	14773	1.189	ug/l #	89
25) 2-Butanone	7.263	43	40039	5.814	ug/l	92
26) 2,2-Dichloropropane	7.240	77	17639	1.569	ug/l	94
27) cis-1,2-Dichloroethene	7.251	96	11872	1.571	ug/l	81
28) Bromochloromethane	7.569	49	5759	1.303	ug/l #	99
29) Tetrahydrofuran	7.610	42	26647	5.854	ug/l	95
30) Chloroform	7.745	83	14643	1.181	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	12598	1.132	ug/l #	53
36) 1,1-Dichloropropene	8.151	75	10846	1.169	ug/l #	90
37) Ethyl Acetate	7.322	43	15656m	1.163	ug/l	
38) Carbon Tetrachloride	8.128	117	9765	1.019	ug/l #	76
39) Methylcyclohexane	9.398	83	12023	1.022	ug/l #	87
40) Benzene	8.387	78	34090	1.200	ug/l	91
41) Methacrylonitrile	7.545	41	6403m	0.959	ug/l	
42) 1,2-Dichloroethane	8.463	62	10985	1.011	ug/l	97
43) Isopropyl Acetate	8.492	43	26585	1.208	ug/l	98
44) Trichloroethene	9.151	130	6915	1.086	ug/l	89
45) 1,2-Dichloropropane	9.428	63	8419	1.116	ug/l #	83
46) Dibromomethane	9.516	93	6328	1.225	ug/l	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.698	83	10881	1.057	ug/l	91
48) Methyl methacrylate	9.492	41	11464	1.182	ug/l	95
49) 1,4-Dioxane	9.504	88	4668	22.830	ug/l #	71
51) 4-Methyl-2-Pentanone	10.269	43	76000	5.279	ug/l	95
52) Toluene	10.445	92	17782	1.012	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	12312	1.084	ug/l #	79
54) cis-1,3-Dichloropropene	10.128	75	14266	1.178	ug/l #	93
55) 1,1,2-Trichloroethane	10.839	97	8974	1.239	ug/l	91
56) Ethyl methacrylate	10.704	69	12340	1.003	ug/l	88
57) 1,3-Dichloropropane	10.986	76	15205	1.201	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	31623	5.524	ug/l	99
59) 2-Hexanone	11.028	43	55718	5.015	ug/l	98
60) Dibromochloromethane	11.175	129	6910	0.942	ug/l	81
61) 1,2-Dibromoethane	11.286	107	7969	1.069	ug/l	100
64) Tetrachloroethene	10.916	164	5429	1.147	ug/l #	71
65) Chlorobenzene	11.710	112	19009	1.129	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	7527	1.144	ug/l #	57
67) Ethyl Benzene	11.780	91	33225	1.045	ug/l	100
68) m/p-Xylenes	11.898	106	25121	2.101	ug/l	92
69) o-Xylene	12.222	106	12953	1.078	ug/l	92
70) Styrene	12.233	104	19947	1.044	ug/l	96
71) Bromoform	12.398	173	5020	1.019	ug/l #	95
73) Isopropylbenzene	12.522	105	29108	1.166	ug/l	98
74) N-amyl acetate	12.327	43	21386	1.472	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.763	83	13366	1.425	ug/l	93
76) 1,2,3-Trichloropropane	12.810	75	6894m	1.015	ug/l	
77) Bromobenzene	12.792	156	6281	1.172	ug/l	95
78) n-propylbenzene	12.863	91	34112	1.193	ug/l	96
79) 2-Chlorotoluene	12.945	91	21393	1.227	ug/l	90
80) 1,3,5-Trimethylbenzene	12.998	105	21681	1.047	ug/l	85
82) 4-Chlorotoluene	13.045	91	19723	1.173	ug/l	94
83) tert-Butylbenzene	13.263	119	22999	1.234	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	24205	1.179	ug/l	94
85) sec-Butylbenzene	13.445	105	28418	1.120	ug/l	95
86) p-Isopropyltoluene	13.557	119	22215	1.094	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	10212	1.031	ug/l	90
88) 1,4-Dichlorobenzene	13.633	146	12128m	1.212	ug/l	
89) n-Butylbenzene	13.880	91	20444	1.183	ug/l	97
90) Hexachloroethane	14.151	117	5196	1.211	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	10641	1.021	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.545	75	2846	1.115	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	4589	0.884	ug/l	78
94) Hexachlorobutadiene	15.304	225	2370	1.007	ug/l	74
95) Naphthalene	15.439	128	17723	0.873	ug/l	98
96) 1,2,3-Trichlorobenzene	15.633	180	4939	0.919	ug/l	95

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

