

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090622\
 Data File : VN074343.D
 Acq On : 06 Sep 2022 16:33
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/07/2022
 Supervised By :Mahesh Dadoda 09/07/2022

Quant Time: Sep 07 02:41:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 02:37:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	538794	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	1015181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	846887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	320603	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	2.046	85	8260	1.524	ug/l	98
3) Chloromethane	2.269	50	9544	1.320	ug/l	99
4) Vinyl Chloride	2.404	62	11990	0.917	ug/l	94
6) Chloroethane	2.975	64	8162m	0.805	ug/l	
7) Trichlorofluoromethane	3.328	101	14482	1.437	ug/l	84
8) Diethyl Ether	3.769	74	5082	1.252	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.146	101	8970	1.483	ug/l #	83
12) 1,1-Dichloroethene	4.122	96	7775	1.413	ug/l #	71
14) Allyl chloride	4.763	41	11856	1.362	ug/l	95
15) Acrylonitrile	5.469	53	25516	6.009	ug/l #	85
16) Acetone	4.234	43	26429	7.404	ug/l	96
17) Carbon Disulfide	4.457	76	22569	1.636	ug/l #	91
18) Methyl Acetate	4.775	43	14639	1.381	ug/l #	83
19) Methyl tert-butyl Ether	5.540	73	24388	1.150	ug/l #	91
20) Methylene Chloride	5.022	84	11872	1.593	ug/l #	75
21) trans-1,2-Dichloroethene	5.504	96	8457	1.365	ug/l #	89
22) Diisopropyl ether	6.404	45	22813	1.135	ug/l #	92
23) Vinyl Acetate	6.345	43	85875	4.930	ug/l	99
24) 1,1-Dichloroethane	6.304	63	15236	1.248	ug/l #	92
25) 2-Butanone	7.263	43	37107	6.256	ug/l	100
26) 2,2-Dichloropropane	7.245	77	13134	1.339	ug/l #	74
27) cis-1,2-Dichloroethene	7.234	96	9456	1.203	ug/l	89
28) Bromochloromethane	7.587	49	5509	1.310	ug/l #	92
29) Tetrahydrofuran	7.610	42	21295	5.591	ug/l	97
30) Chloroform	7.745	83	16386	1.214	ug/l	85
32) 1,1,1-Trichloroethane	7.939	97	14078	1.255	ug/l #	48
36) 1,1-Dichloropropene	8.145	75	13815	1.425	ug/l	93
37) Ethyl Acetate	7.334	43	9182	0.732	ug/l #	92
38) Carbon Tetrachloride	8.134	117	13357	1.350	ug/l	87
39) Methylcyclohexane	9.392	83	11809	1.009	ug/l	95
40) Benzene	8.392	78	34054	1.118	ug/l #	87
41) Methacrylonitrile	7.575	41	5436	0.942	ug/l #	80
42) 1,2-Dichloroethane	8.457	62	13350	1.179	ug/l	96
43) Isopropyl Acetate	8.498	43	16539	0.918	ug/l #	71
44) Trichloroethene	9.145	130	9158	1.255	ug/l	87
45) 1,2-Dichloropropane	9.428	63	10003	1.326	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.522	93	7132	1.238	ug/l #	81
47) Bromodichloromethane	9.698	83	11405	1.074	ug/l	97
48) Methyl methacrylate	9.498	41	8550	1.063	ug/l	97
49) 1,4-Dioxane	9.516	88	4316	20.642	ug/l #	80
51) 4-Methyl-2-Pentanone	10.275	43	54688	4.357	ug/l	99
52) Toluene	10.445	92	21967	1.168	ug/l	90
53) t-1,3-Dichloropropene	10.657	75	10395	0.972	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	12098	1.024	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	9771	1.218	ug/l #	87
56) Ethyl methacrylate	10.698	69	10073	0.843	ug/l	95
57) 1,3-Dichloropropane	10.986	76	14648	1.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	29372	5.085	ug/l	93
59) 2-Hexanone	11.027	43	39167	4.121	ug/l	97
60) Dibromochloromethane	11.175	129	8456	1.052	ug/l	93
61) 1,2-Dibromoethane	11.286	107	8592	1.064	ug/l	95
64) Tetrachloroethene	10.916	164	8202	1.509	ug/l	94
65) Chlorobenzene	11.704	112	23009	1.223	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.786	131	8788	1.270	ug/l #	65
67) Ethyl Benzene	11.780	91	35469	1.032	ug/l	99
68) m/p-Xylenes	11.892	106	25126	1.947	ug/l	87
69) o-Xylene	12.216	106	12752	0.993	ug/l	92
70) Styrene	12.233	104	19544	0.953	ug/l	98
71) Bromoform	12.392	173	5705	1.131	ug/l #	93
73) Isopropylbenzene	12.516	105	30814	1.091	ug/l	98
74) N-amyl acetate	12.327	43	9918	0.842	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.769	83	14128	1.357	ug/l	95
76) 1,2,3-Trichloropropane	12.816	75	11778m	1.294	ug/l	
77) Bromobenzene	12.798	156	7765	1.239	ug/l	75
78) n-propylbenzene	12.857	91	32638	1.016	ug/l	94
79) 2-Chlorotoluene	12.939	91	21645	1.088	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	23073	1.017	ug/l	96
82) 4-Chlorotoluene	13.045	91	18642	1.001	ug/l	91
83) tert-Butylbenzene	13.263	119	21110	1.026	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	23107	1.008	ug/l	100
85) sec-Butylbenzene	13.439	105	26708	0.933	ug/l	100
86) p-Isopropyltoluene	13.557	119	20410	0.912	ug/l	95
87) 1,3-Dichlorobenzene	13.551	146	13987	1.224	ug/l	94
88) 1,4-Dichlorobenzene	13.633	146	13900m	1.142	ug/l	
89) n-Butylbenzene	13.880	91	18709	0.965	ug/l	95
90) Hexachloroethane	14.145	117	5339	1.224	ug/l	79
91) 1,2-Dichlorobenzene	13.927	146	14907	1.238	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.545	75	2904	1.276	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	5917	0.949	ug/l	98
94) Hexachlorobutadiene	15.298	225	3573	1.303	ug/l	91
95) Naphthalene	15.433	128	19653	0.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	6427	0.968	ug/l	93

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

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