

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074523.D
 Acq On : 16 Sep 2022 20:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 16 22:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

09/17/2022
 Supervised By :Mahesh
 Dadoda

09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	250740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	473774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	442472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	206754	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	212496	49.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.900%
35) Dibromofluoromethane	7.945	113	157878	50.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	10.380	98	609057	50.040	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.674	95	214195	51.382	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	118755	43.518	ug/l	99
3) Chloromethane	2.263	50	246731	53.734	ug/l	98
4) Vinyl Chloride	2.404	62	295064	60.070	ug/l	100
5) Bromomethane	2.775	94	206187	79.596	ug/l	98
6) Chloroethane	2.951	64	232220	69.212	ug/l	95
7) Trichlorofluoromethane	3.310	101	255599	47.121	ug/l	95
8) Diethyl Ether	3.763	74	127945	46.253	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.134	101	159782	47.613	ug/l	90
10) Methyl Iodide	4.345	142	189922	47.974	ug/l	94
11) Tert butyl alcohol	5.281	59	315858	227.910	ug/l	98
12) 1,1-Dichloroethene	4.104	96	161312	48.818	ug/l	94
13) Acrolein	3.975	56	132617	262.032	ug/l	99
14) Allyl chloride	4.757	41	392073	49.721	ug/l #	94
15) Acrylonitrile	5.469	53	812601	260.988	ug/l	100
16) Acetone	4.216	43	691743	254.094	ug/l	96
17) Carbon Disulfide	4.457	76	418706	46.238	ug/l	99
18) Methyl Acetate	4.769	43	432359	51.132	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	694930	49.930	ug/l	96
20) Methylene Chloride	5.010	84	212802	51.199	ug/l #	84
21) trans-1,2-Dichloroethene	5.516	96	176968	48.799	ug/l	94
22) Diisopropyl ether	6.410	45	856979	54.122	ug/l #	94
23) Vinyl Acetate	6.345	43	3846883	275.450	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	395521	49.972	ug/l	98
25) 2-Butanone	7.257	43	1224448	270.895	ug/l #	89
26) 2,2-Dichloropropane	7.251	77	272255	39.898	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	220996	47.600	ug/l	91
28) Bromochloromethane	7.586	49	121628	52.184	ug/l #	66
29) Tetrahydrofuran	7.604	42	815387	274.370	ug/l #	84
30) Chloroform	7.745	83	379302	51.921	ug/l	96
31) Cyclohexane	8.022	56	356674	47.232	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	310998	48.539	ug/l	96
36) 1,1-Dichloropropene	8.151	75	275157	49.394	ug/l	94
37) Ethyl Acetate	7.328	43	463853	53.918	ug/l #	94
38) Carbon Tetrachloride	8.133	117	260451	50.639	ug/l	95
39) Methylcyclohexane	9.392	83	331885	50.103	ug/l	95
40) Benzene	8.392	78	882793	51.248	ug/l	100

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41) Methacrylonitrile	7.557	41	216944	52.160	ug/l	91
42) 1,2-Dichloroethane	8.469	62	308842	52.245	ug/l	96
43) Isopropyl Acetate	8.492	43	729645	54.146	ug/l #	91
44) Trichloroethene	9.151	130	179606	48.185	ug/l	87
45) 1,2-Dichloropropane	9.428	63	244762	51.702	ug/l	99
46) Dibromomethane	9.516	93	150082	50.618	ug/l #	84
47) Bromodichloromethane	9.698	83	304414	52.368	ug/l #	96
48) Methyl methacrylate	9.498	41	334064	55.909	ug/l #	83
49) 1,4-Dioxane	9.504	88	116178	1011.324	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	2539814	288.621	ug/l	88
52) Toluene	10.445	92	544108	53.865	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	345779	51.038	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	361091	49.804	ug/l #	84
55) 1,1,2-Trichloroethane	10.839	97	218046	50.961	ug/l	97
56) Ethyl methacrylate	10.704	69	413913	54.156	ug/l #	76
57) 1,3-Dichloropropane	10.986	76	411924	54.909	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.980	63	875244	260.208	ug/l #	88
59) 2-Hexanone	11.027	43	1965240	292.547	ug/l	86
60) Dibromochloromethane	11.180	129	220808	53.908	ug/l	99
61) 1,2-Dibromoethane	11.286	107	221638	53.321	ug/l	99
64) Tetrachloroethene	10.916	164	145017	47.757	ug/l	94
65) Chlorobenzene	11.710	112	552112	49.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	200920	49.784	ug/l	99
67) Ethyl Benzene	11.786	91	1064652	52.204	ug/l	99
68) m/p-Xylenes	11.892	106	789462	104.698	ug/l	95
69) o-Xylene	12.221	106	394603	51.327	ug/l	95
70) Styrene	12.239	104	662242	51.783	ug/l	98
71) Bromoform	12.398	173	155195	52.320	ug/l #	99
73) Isopropylbenzene	12.521	105	1026075	48.468	ug/l	98
74) N-amyl acetate	12.333	43	673959	50.917	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.768	83	403635	47.578	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	313720m	49.296	ug/l	
77) Bromobenzene	12.804	156	214118	47.347	ug/l	75
78) n-propylbenzene	12.863	91	1241466	49.238	ug/l	94
79) 2-Chlorotoluene	12.951	91	717600	47.676	ug/l	94
80) 1,3,5-Trimethylbenzene	13.004	105	844302	48.924	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	134884	45.745	ug/l	97
82) 4-Chlorotoluene	13.045	91	689626	48.203	ug/l	98
83) tert-Butylbenzene	13.268	119	749458	47.718	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	847574	48.804	ug/l	99
85) sec-Butylbenzene	13.445	105	1075457	49.870	ug/l	96
86) p-Isopropyltoluene	13.557	119	849772	50.545	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	404851	48.717	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	399442	47.826	ug/l	99
89) n-Butylbenzene	13.886	91	766047	50.552	ug/l	94
90) Hexachloroethane	14.151	117	177227	48.449	ug/l	72
91) 1,2-Dichlorobenzene	13.927	146	406717	47.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	83765	44.715	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	193836	47.193	ug/l	98
94) Hexachlorobutadiene	15.304	225	81340	45.060	ug/l	98
95) Naphthalene	15.439	128	843510	47.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	201431	47.398	ug/l	98

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

