

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073515.D
 Acq On : 19 Jul 2022 14:50
 Operator : JC\MD
 Sample : VN0719WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 06:24:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	184177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	322166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	298431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	138627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	146778	55.205	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	7.945	113	117002	54.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.180%			
50) Toluene-d8	10.380	98	383182	50.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.660%			
62) 4-Bromofluorobenzene	12.669	95	149833	51.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	47577	17.669	ug/l	97
3) Chloromethane	2.269	50	45641	17.459	ug/l	99
4) Vinyl Chloride	2.405	62	38768	17.454	ug/l	99
5) Bromomethane	2.804	94	23205	22.119	ug/l	86
6) Chloroethane	2.963	64	30576	23.401	ug/l	98
7) Trichlorofluoromethane	3.316	101	70189	18.278	ug/l	98
8) Diethyl Ether	3.769	74	33310	21.309	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.134	101	44667	19.685	ug/l	95
10) Methyl Iodide	4.351	142	40491	16.075	ug/l	96
11) Tert butyl alcohol	5.293	59	75699	117.530	ug/l	98
12) 1,1-Dichloroethene	4.116	96	38730	17.863	ug/l	98
13) Acrolein	3.981	56	13080	32.130	ug/l	98
14) Allyl chloride	4.757	41	97921	21.439	ug/l #	87
15) Acrylonitrile	5.475	53	213000	128.466	ug/l	98
16) Acetone	4.216	43	193362	129.562	ug/l	92
17) Carbon Disulfide	4.457	76	83804	14.907	ug/l	99
18) Methyl Acetate	4.775	43	122225	29.224	ug/l #	90
19) Methyl tert-butyl Ether	5.534	73	178667	22.610	ug/l	97
20) Methylene Chloride	5.016	84	57907	22.078	ug/l	88
21) trans-1,2-Dichloroethene	5.516	96	43062	19.008	ug/l	98
22) Diisopropyl ether	6.410	45	205601	24.123	ug/l	95
23) Vinyl Acetate	6.345	43	873850	114.516	ug/l #	91
24) 1,1-Dichloroethane	6.310	63	98671	22.371	ug/l	97
25) 2-Butanone	7.257	43	321084	135.130	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	73190	17.942	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	55895	20.374	ug/l	95
28) Bromochloromethane	7.587	49	46476	25.161	ug/l #	78
29) Tetrahydrofuran	7.610	42	212584	130.662	ug/l #	84
30) Chloroform	7.745	83	99463	22.390	ug/l	100
31) Cyclohexane	8.022	56	79527	18.263	ug/l #	81
32) 1,1,1-Trichloroethane	7.939	97	79707	20.134	ug/l	98
36) 1,1-Dichloropropene	8.145	75	63604	19.285	ug/l	97
37) Ethyl Acetate	7.334	43	120031	24.087	ug/l #	95
38) Carbon Tetrachloride	8.134	117	62533	18.335	ug/l	98
39) Methylcyclohexane	9.392	83	72454	17.646	ug/l	93
40) Benzene	8.386	78	209253	20.559	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	62752	25.965	ug/l #	83
42) 1,2-Dichloroethane	8.463	62	81021	21.959	ug/l	100
43) Isopropyl Acetate	8.492	43	169285	23.637	ug/l	93
44) Trichloroethene	9.145	130	49294	19.031	ug/l	90
45) 1,2-Dichloropropane	9.422	63	59026	22.752	ug/l	99
46) Dibromomethane	9.510	93	38497	21.855	ug/l	89
47) Bromodichloromethane	9.698	83	76845	22.524	ug/l	96
48) Methyl methacrylate	9.498	41	76273	23.001	ug/l	89
49) 1,4-Dioxane	9.504	88	31466	499.849	ug/l #	88
51) 4-Methyl-2-Pentanone	10.269	43	607593	133.780	ug/l	89
52) Toluene	10.439	92	126569	20.122	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	77694	20.687	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	86783	21.403	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	59479	22.969	ug/l	96
56) Ethyl methacrylate	10.698	69	90362	21.589	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	102024	22.983	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.980	63	210575	112.806	ug/l	92
59) 2-Hexanone	11.027	43	452785	130.786	ug/l	88
60) Dibromochloromethane	11.175	129	55871	22.629	ug/l	99
61) 1,2-Dibromoethane	11.286	107	55822	21.581	ug/l	99
64) Tetrachloroethene	10.916	164	46938	19.261	ug/l	95
65) Chlorobenzene	11.710	112	132299	19.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	51947	20.925	ug/l	99
67) Ethyl Benzene	11.780	91	233934	19.091	ug/l	97
68) m/p-Xylenes	11.892	106	178189	38.532	ug/l	93
69) o-Xylene	12.222	106	90217	19.110	ug/l	96
70) Styrene	12.233	104	150927	20.707	ug/l	99
71) Bromoform	12.398	173	40713	22.412	ug/l #	96
73) Isopropylbenzene	12.521	105	232993	19.463	ug/l	99
74) N-amyl acetate	12.327	43	127382	21.251	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	92648	23.323	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	82877m	22.864	ug/l	
77) Bromobenzene	12.798	156	54280	19.502	ug/l	82
78) n-propylbenzene	12.863	91	270508	20.341	ug/l	97
79) 2-Chlorotoluene	12.945	91	169898	20.185	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	198326	20.326	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	26504	20.052	ug/l	92
82) 4-Chlorotoluene	13.045	91	158059	19.397	ug/l	98
83) tert-Butylbenzene	13.263	119	170871	19.533	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	197298	20.253	ug/l	97
85) sec-Butylbenzene	13.439	105	239574	20.396	ug/l	98
86) p-Isopropyltoluene	13.557	119	192917	20.331	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	99979	20.023	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	98462	19.681	ug/l	96
89) n-Butylbenzene	13.880	91	156754	19.825	ug/l	96
90) Hexachloroethane	14.151	117	35962	20.337	ug/l	83
91) 1,2-Dichlorobenzene	13.927	146	105704	20.782	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	22365	23.164	ug/l	82
93) 1,2,4-Trichlorobenzene	15.192	180	50159	18.939	ug/l	97
94) Hexachlorobutadiene	15.304	225	23029	19.560	ug/l	99
95) Naphthalene	15.433	128	204850	19.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	54132	19.814	ug/l	96

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

