

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073574.D
 Acq On : 25 Jul 2022 12:56
 Operator : JC\MD
 Sample : VN0725WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBS01

Quant Time: Jul 26 02:16:12 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	185641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	312431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	282771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	136087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	133152	49.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.360%		
35) Dibromofluoromethane	7.951	113	110030	52.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.860%		
50) Toluene-d8	10.380	98	359119	48.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.280%		
62) 4-Bromofluorobenzene	12.674	95	139855	49.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	56202	20.707	ug/l	96
3) Chloromethane	2.269	50	52165	19.797	ug/l	96
4) Vinyl Chloride	2.404	62	45252	20.212	ug/l	97
5) Bromomethane	2.804	94	22179	20.974	ug/l	99
6) Chloroethane	2.969	64	30067	22.830	ug/l	91
7) Trichlorofluoromethane	3.316	101	68804	17.776	ug/l	98
8) Diethyl Ether	3.763	74	31833	20.203	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.140	101	42288	18.490	ug/l	98
10) Methyl Iodide	4.357	142	36070	14.583	ug/l	95
11) Tert butyl alcohol	5.298	59	69952	107.751	ug/l	98
12) 1,1-Dichloroethene	4.116	96	41734	19.097	ug/l	98
13) Acrolein	3.987	56	47240	115.124	ug/l	96
14) Allyl chloride	4.763	41	89828	19.512	ug/l #	92
15) Acrylonitrile	5.475	53	190818	114.179	ug/l	99
16) Acetone	4.228	43	169929	112.963	ug/l	95
17) Carbon Disulfide	4.457	76	109059	19.246	ug/l	99
18) Methyl Acetate	4.781	43	95829	22.732	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	152515	19.149	ug/l	98
20) Methylene Chloride	5.016	84	52583	19.890	ug/l #	84
21) trans-1,2-Dichloroethene	5.516	96	43117	18.882	ug/l	91
22) Diisopropyl ether	6.416	45	181483	21.126	ug/l #	95
23) Vinyl Acetate	6.351	43	795974	103.488	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	90469	20.350	ug/l	96
25) 2-Butanone	7.263	43	282419	117.921	ug/l	94
26) 2,2-Dichloropropane	7.251	77	68176	16.581	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	53544	19.363	ug/l	95
28) Bromochloromethane	7.586	49	44739	24.029	ug/l	84
29) Tetrahydrofuran	7.610	42	194294	118.479	ug/l #	86
30) Chloroform	7.751	83	90880	20.297	ug/l	98
31) Cyclohexane	8.022	56	86379	19.681	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	77999	19.547	ug/l	99
36) 1,1-Dichloropropene	8.151	75	62227	19.456	ug/l	97
37) Ethyl Acetate	7.333	43	107193	22.181	ug/l #	95
38) Carbon Tetrachloride	8.133	117	63260	19.126	ug/l	95
39) Methylcyclohexane	9.392	83	74337	18.668	ug/l	92
40) Benzene	8.392	78	205907	20.860	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	49459	21.102	ug/l #	90
42) 1,2-Dichloroethane	8.463	62	72400	20.234	ug/l	99
43) Isopropyl Acetate	8.498	43	149368	21.506	ug/l	92
44) Trichloroethene	9.151	130	47947	19.088	ug/l	90
45) 1,2-Dichloropropane	9.427	63	53763	21.369	ug/l	98
46) Dibromomethane	9.516	93	36417	21.318	ug/l	90
47) Bromodichloromethane	9.704	83	67929	20.531	ug/l	99
48) Methyl methacrylate	9.498	41	66379	20.641	ug/l	89
49) 1,4-Dioxane	9.510	88	30488	499.404	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	527188	119.693	ug/l	90
52) Toluene	10.445	92	121731	19.955	ug/l	96
53) t-1,3-Dichloropropene	10.663	75	68807	18.891	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	79281	20.162	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	49822	19.839	ug/l	99
56) Ethyl methacrylate	10.704	69	80387	19.804	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	86358	20.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	199441	110.171	ug/l	92
59) 2-Hexanone	11.027	43	406092	120.953	ug/l	88
60) Dibromochloromethane	11.180	129	50330	21.020	ug/l	99
61) 1,2-Dibromoethane	11.286	107	51409	20.495	ug/l	100
64) Tetrachloroethene	10.916	164	47496	20.570	ug/l	93
65) Chlorobenzene	11.710	112	125008	19.547	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.786	131	47212	20.071	ug/l	97
67) Ethyl Benzene	11.786	91	222383	19.154	ug/l	100
68) m/p-Xylenes	11.892	106	170829	38.987	ug/l	97
69) o-Xylene	12.221	106	84585	18.909	ug/l	97
70) Styrene	12.239	104	134998	19.547	ug/l	98
71) Bromoform	12.398	173	36485	21.197	ug/l #	99
73) Isopropylbenzene	12.521	105	212967	18.122	ug/l	100
74) N-amyl acetate	12.333	43	106872	18.162	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	79673	20.431	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	73830m	20.748	ug/l	
77) Bromobenzene	12.804	156	49144	17.987	ug/l	85
78) n-propylbenzene	12.863	91	245698	18.820	ug/l	96
79) 2-Chlorotoluene	12.945	91	153139	18.534	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	176637	18.441	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	23652	18.229	ug/l	89
82) 4-Chlorotoluene	13.045	91	143655	17.958	ug/l	98
83) tert-Butylbenzene	13.262	119	159779	18.606	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	177134	18.522	ug/l	97
85) sec-Butylbenzene	13.445	105	214667	18.616	ug/l	99
86) p-Isopropyltoluene	13.557	119	170105	18.262	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	89375	18.234	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	88298	17.979	ug/l	98
89) n-Butylbenzene	13.880	91	132713	17.098	ug/l	98
90) Hexachloroethane	14.151	117	34214	19.709	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	94463	18.918	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	18642	19.668	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	44806	17.234	ug/l	99
94) Hexachlorobutadiene	15.304	225	23524	20.354	ug/l	97
95) Naphthalene	15.439	128	167918	16.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	47136	17.575	ug/l	99

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

