

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028798.D
 Acq On : 18 May 2022 12:08
 Operator : JC/MD
 Sample : VX0518WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Quant Time: May 19 01:32:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	210195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143101	49.666	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.340%			
35) Dibromofluoromethane	5.385	113	116951	51.398	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.800%			
50) Toluene-d8	8.653	98	434408	50.638	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.079	95	191546	59.780	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51621	18.756	ug/l	99
3) Chloromethane	1.294	50	48938	18.880	ug/l	96
4) Vinyl Chloride	1.373	62	52538	18.809	ug/l	99
5) Bromomethane	1.605	94	40350	16.747	ug/l	98
6) Chloroethane	1.684	64	36508	19.401	ug/l	98
7) Trichlorofluoromethane	1.886	101	103857	23.321	ug/l	98
8) Diethyl Ether	2.135	74	35103	21.632	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	45278	19.320	ug/l	96
10) Methyl Iodide	2.453	142	49032	17.476	ug/l	95
11) Tert butyl alcohol	2.965	59	55913	86.213	ug/l	98
12) 1,1-Dichloroethene	2.318	96	41981	19.298	ug/l	97
13) Acrolein	2.239	56	44299	93.669	ug/l	98
14) Allyl chloride	2.666	41	64861	18.590	ug/l	89
15) Acrylonitrile	3.062	53	132016	95.098	ug/l	100
16) Acetone	2.379	43	113837	92.058	ug/l	91
17) Carbon Disulfide	2.513	76	100100	17.751	ug/l	99
18) Methyl Acetate	2.702	43	59704	19.277	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	148792	19.274	ug/l	98
20) Methylene Chloride	2.788	84	48257	18.601	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	46418	18.943	ug/l	98
22) Diisopropyl ether	3.763	45	142228	19.075	ug/l	92
23) Vinyl Acetate	3.721	43	623096	96.938	ug/l	95
24) 1,1-Dichloroethane	3.611	63	84055	19.391	ug/l	99
25) 2-Butanone	4.556	43	178067	91.739	ug/l	98
26) 2,2-Dichloropropane	4.483	77	64289	18.916	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	54615	19.083	ug/l	99
28) Bromochloromethane	4.897	49	34015	18.643	ug/l	93
29) Tetrahydrofuran	5.007	42	116213	92.109	ug/l	92
30) Chloroform	5.098	83	92858	19.794	ug/l	96
31) Cyclohexane	5.476	56	74060	18.518	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	78988	19.287	ug/l	99
36) 1,1-Dichloropropene	5.690	75	65930	19.291	ug/l	98
37) Ethyl Acetate	4.714	43	68998	19.329	ug/l	97
38) Carbon Tetrachloride	5.678	117	68106	19.802	ug/l	96
39) Methylcyclohexane	7.378	83	76434	19.502	ug/l	93
40) Benzene	6.037	78	190938	19.439	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37168	19.419	ug/l	94
42) 1,2-Dichloroethane	6.092	62	71131	19.633	ug/l	98
43) Isopropyl Acetate	6.342	43	108292	19.391	ug/l	95
44) Trichloroethene	7.128	130	53636	20.135	ug/l	99
45) 1,2-Dichloropropane	7.427	63	48184	19.662	ug/l	100
46) Dibromomethane	7.580	93	36085	19.717	ug/l	93
47) Bromodichloromethane	7.823	83	67193	19.776	ug/l	96
48) Methyl methacrylate	7.695	41	52904	19.611	ug/l	86
49) 1,4-Dioxane	7.671	88	24731	366.959	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	358086	97.346	ug/l	93
52) Toluene	8.720	92	123968	19.620	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	64139	17.502	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	73871	19.322	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	51113	19.839	ug/l	96
56) Ethyl methacrylate	9.116	69	79556	20.391	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	84971	19.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	193569	101.336	ug/l	99
59) 2-Hexanone	9.433	43	275035	96.236	ug/l	90
60) Dibromochloromethane	9.518	129	49972	19.888	ug/l	96
61) 1,2-Dibromoethane	9.610	107	52771	19.501	ug/l	98
64) Tetrachloroethene	9.274	164	48352	20.311	ug/l	97
65) Chlorobenzene	10.079	112	135154	20.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	47866	20.205	ug/l	99
67) Ethyl Benzene	10.195	91	241431	20.141	ug/l	98
68) m/p-Xylenes	10.305	106	184555	39.545	ug/l	98
69) o-Xylene	10.646	106	108627	23.641	ug/l	95
70) Styrene	10.658	104	177823	23.831	ug/l	96
71) Bromoform	10.799	173	40193	21.565	ug/l #	99
73) Isopropylbenzene	10.963	105	285533	24.170	ug/l	98
74) N-amyl acetate	10.847	43	101600	21.879	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	91556	22.591	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84299m	23.107	ug/l	
77) Bromobenzene	11.201	156	66674	23.853	ug/l	96
78) n-propylbenzene	11.305	91	313110	22.914	ug/l	99
79) 2-Chlorotoluene	11.366	91	194750	23.253	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	245187	24.909	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21321	19.956	ug/l #	74
82) 4-Chlorotoluene	11.457	91	233616	24.128	ug/l	98
83) tert-Butylbenzene	11.713	119	197040	20.675	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	202415	20.506	ug/l	99
85) sec-Butylbenzene	11.890	105	241476	20.541	ug/l	99
86) p-Isopropyltoluene	12.012	119	203183	20.597	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	106672	19.457	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	109437	19.244	ug/l	98
89) n-Butylbenzene	12.335	91	170995	20.006	ug/l	97
90) Hexachloroethane	12.542	117	30589	19.175	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	106485	19.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16894	19.523	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	62906	20.222	ug/l	99
94) Hexachlorobutadiene	13.725	225	25548	20.216	ug/l	94
95) Naphthalene	13.780	128	228159	20.611	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63340	20.273	ug/l	96

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

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