

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028169.D
 Acq On : 19 Apr 2022 19:20
 Operator : JC/MD
 Sample : VX0419WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419WBS01

Quant Time: Apr 20 08:17:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	344053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	556989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	512306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220432	49.137	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.280%		
35) Dibromofluoromethane	5.385	113	196893	50.406	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.820%		
50) Toluene-d8	8.653	98	719882	47.984	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.079	95	266875	46.523	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.040%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	35089	15.799	ug/l	99
3) Chloromethane	1.288	50	52301	22.008	ug/l	97
4) Vinyl Chloride	1.374	62	66937	19.299	ug/l	100
5) Bromomethane	1.599	94	58422	12.819	ug/l	97
6) Chloroethane	1.685	64	46697	16.650	ug/l	93
7) Trichlorofluoromethane	1.886	101	133488	17.453	ug/l	98
8) Diethyl Ether	2.130	74	46631	18.317	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	63765	22.887	ug/l	96
10) Methyl Iodide	2.453	142	72824	22.346	ug/l	96
11) Tert butyl alcohol	2.953	59	81824	88.839	ug/l	98
12) 1,1-Dichloroethene	2.319	96	59797	22.615	ug/l	97
13) Acrolein	2.233	56	55256	100.504	ug/l	98
14) Allyl chloride	2.666	41	84653	19.080	ug/l	93
15) Acrylonitrile	3.063	53	168947	92.414	ug/l	98
16) Acetone	2.374	43	141857	102.709	ug/l	93
17) Carbon Disulfide	2.514	76	143872	20.205	ug/l	100
18) Methyl Acetate	2.703	43	76436	19.163	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	218230	19.792	ug/l	99
20) Methylene Chloride	2.788	84	69098	20.759	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	68312	18.997	ug/l	92
22) Diisopropyl ether	3.758	45	182919	18.101	ug/l #	77
23) Vinyl Acetate	3.721	43	814861	92.299	ug/l	99
24) 1,1-Dichloroethane	3.611	63	114789	19.238	ug/l	99
25) 2-Butanone	4.556	43	228241	85.908	ug/l	98
26) 2,2-Dichloropropane	4.483	77	103115	17.700	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	79635	18.573	ug/l	94
28) Bromochloromethane	4.904	49	46801	18.282	ug/l	87
29) Tetrahydrofuran	5.001	42	148448	85.692	ug/l	99
30) Chloroform	5.099	83	129802	18.114	ug/l	98
31) Cyclohexane	5.471	56	98575	18.036	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	120751	18.609	ug/l	98
36) 1,1-Dichloropropene	5.696	75	92559	18.166	ug/l	97
37) Ethyl Acetate	4.715	43	89779	17.365	ug/l	100
38) Carbon Tetrachloride	5.684	117	105900	18.411	ug/l	97
39) Methylcyclohexane	7.385	83	113485	17.652	ug/l	96
40) Benzene	6.044	78	273557	18.341	ug/l	100

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41) Methacrylonitrile	4.916	41	45187	16.941	ug/l	97
42) 1,2-Dichloroethane	6.086	62	98253	17.747	ug/l	99
43) Isopropyl Acetate	6.342	43	146401	17.399	ug/l	98
44) Trichloroethene	7.129	130	81697	18.889	ug/l	100
45) 1,2-Dichloropropane	7.434	63	65826	18.031	ug/l	95
46) Dibromomethane	7.586	93	53702	18.752	ug/l	98
47) Bromodichloromethane	7.824	83	95857	17.416	ug/l	99
48) Methyl methacrylate	7.696	41	68219	17.659	ug/l	91
49) 1,4-Dioxane	7.659	88	33388	323.075	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	460077	85.207	ug/l	97
52) Toluene	8.720	92	185637	17.915	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	102409	17.507	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	110998	17.670	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	74889	17.788	ug/l	96
56) Ethyl methacrylate	9.116	69	108406	17.763	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	121483	17.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	268090	93.628	ug/l	92
59) 2-Hexanone	9.433	43	352867	84.367	ug/l	94
60) Dibromochloromethane	9.525	129	78878	17.186	ug/l	96
61) 1,2-Dibromoethane	9.610	107	83920	18.170	ug/l	99
64) Tetrachloroethene	9.275	164	77244	19.303	ug/l	98
65) Chlorobenzene	10.080	112	206667	18.921	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	75735	18.613	ug/l	99
67) Ethyl Benzene	10.195	91	353815	19.318	ug/l	97
68) m/p-Xylenes	10.305	106	286973	38.498	ug/l	96
69) o-Xylene	10.647	106	142009	19.108	ug/l	95
70) Styrene	10.659	104	226751	18.832	ug/l	100
71) Bromoform	10.799	173	56298	17.497	ug/l #	99
73) Isopropylbenzene	10.964	105	364439	19.786	ug/l	99
74) N-amyl acetate	10.842	43	123014	19.323	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	116859	19.551	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	104163m	19.750	ug/l	
77) Bromobenzene	11.201	156	93141	19.416	ug/l	90
78) n-propylbenzene	11.305	91	407243	19.939	ug/l	96
79) 2-Chlorotoluene	11.366	91	242470	19.095	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	313345	20.041	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	30314	17.081	ug/l	90
82) 4-Chlorotoluene	11.457	91	285385	19.511	ug/l	96
83) tert-Butylbenzene	11.713	119	314917	19.725	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	311080	20.015	ug/l	98
85) sec-Butylbenzene	11.890	105	380278	19.743	ug/l	97
86) p-Isopropyltoluene	12.012	119	327517	19.710	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	176021	19.528	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	180745	19.098	ug/l	100
89) n-Butylbenzene	12.335	91	262004	19.202	ug/l	98
90) Hexachloroethane	12.543	117	50494	18.089	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	175151	19.561	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25004	18.810	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	109219	20.508	ug/l	99
94) Hexachlorobutadiene	13.725	225	45103	18.979	ug/l	92
95) Naphthalene	13.780	128	378381	21.328	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	107151	20.497	ug/l	97

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

