

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028908.D
 Acq On : 23 May 2022 20:40
 Operator : JC/MD
 Sample : VX0523WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Quant Time: May 24 05:37:46 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 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	272680	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	455356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209340	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200416	53.619	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.240%	
35) Dibromofluoromethane	5.391	113	161757	54.219	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.440%	
50) Toluene-d8	8.653	98	582985	51.830	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	11.085	95	233047	55.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 110.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69467	19.456	ug/l	99
3) Chloromethane	1.294	50	58446	17.382	ug/l	99
4) Vinyl Chloride	1.374	62	65292	18.018	ug/l	98
5) Bromomethane	1.599	94	47691	14.705	ug/l	99
6) Chloroethane	1.685	64	43006	17.406	ug/l	97
7) Trichlorofluoromethane	1.886	101	106430	18.422	ug/l	95
8) Diethyl Ether	2.136	74	39298	18.668	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	60047	19.751	ug/l	99
10) Methyl Iodide	2.453	142	50434	13.856	ug/l	94
11) Tert butyl alcohol	2.959	59	85448	103.029	ug/l	99
12) 1,1-Dichloroethene	2.319	96	55285	19.590	ug/l	97
13) Acrolein	2.233	56	20727	33.784	ug/l	100
14) Allyl chloride	2.666	41	89369	19.744	ug/l	92
15) Acrylonitrile	3.062	53	189517	105.235	ug/l	100
16) Acetone	2.380	43	167004	104.106	ug/l	93
17) Carbon Disulfide	2.514	76	121367	16.590	ug/l	100
18) Methyl Acetate	2.703	43	87336	21.737	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	216775	21.646	ug/l	98
20) Methylene Chloride	2.788	84	69585	20.676	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	61152	19.237	ug/l	100
22) Diisopropyl ether	3.763	45	195913	20.254	ug/l	90
23) Vinyl Acetate	3.721	43	846114	101.470	ug/l	97
24) 1,1-Dichloroethane	3.611	63	115593	20.556	ug/l	99
25) 2-Butanone	4.556	43	262056	104.071	ug/l	97
26) 2,2-Dichloropropane	4.477	77	82420	18.694	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	74074	19.952	ug/l	99
28) Bromochloromethane	4.903	49	46681	19.722	ug/l	100
29) Tetrahydrofuran	5.007	42	168274	102.809	ug/l	94
30) Chloroform	5.099	83	129611	21.297	ug/l	100
31) Cyclohexane	5.477	56	94894	18.290	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	111710	21.026	ug/l	100
36) 1,1-Dichloropropene	5.696	75	86801	19.371	ug/l	99
37) Ethyl Acetate	4.721	43	99011	21.155	ug/l	98
38) Carbon Tetrachloride	5.678	117	95539	21.186	ug/l	96
39) Methylcyclohexane	7.385	83	96480	18.774	ug/l	95
40) Benzene	6.043	78	261867	20.334	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53605	21.361	ug/l	93
42) 1,2-Dichloroethane	6.092	62	102644	21.608	ug/l	98
43) Isopropyl Acetate	6.342	43	150613	20.569	ug/l	97
44) Trichloroethene	7.129	130	72255	20.687	ug/l	99
45) 1,2-Dichloropropane	7.433	63	66344	20.648	ug/l	95
46) Dibromomethane	7.586	93	49927	20.807	ug/l	94
47) Bromodichloromethane	7.824	83	94560	21.226	ug/l	100
48) Methyl methacrylate	7.696	41	75991	21.484	ug/l	91
49) 1,4-Dioxane	7.665	88	37120	420.076	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	512840	106.331	ug/l	95
52) Toluene	8.720	92	169996	20.520	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	92110	19.013	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	101991	20.346	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	72462	21.450	ug/l	97
56) Ethyl methacrylate	9.116	69	110262	21.554	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	121299	21.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	258393	103.169	ug/l	98
59) 2-Hexanone	9.433	43	397989	106.210	ug/l	92
60) Dibromochloromethane	9.525	129	70954	21.537	ug/l	97
61) 1,2-Dibromoethane	9.610	107	75625	21.314	ug/l	98
64) Tetrachloroethene	9.275	164	65463	20.718	ug/l	96
65) Chlorobenzene	10.079	112	185781	20.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	70231	22.336	ug/l	97
67) Ethyl Benzene	10.195	91	331006	20.805	ug/l	99
68) m/p-Xylenes	10.305	106	257182	41.520	ug/l	96
69) o-Xylene	10.646	106	127969	20.984	ug/l	97
70) Styrene	10.659	104	213470	21.555	ug/l	97
71) Bromoform	10.799	173	49227	20.042	ug/l #	98
73) Isopropylbenzene	10.963	105	336388	21.189	ug/l	98
74) N-amyl acetate	10.841	43	124456	19.943	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	116620	21.413	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	105951m	21.611	ug/l	
77) Bromobenzene	11.201	156	81360	21.660	ug/l	96
78) n-propylbenzene	11.305	91	379512	20.667	ug/l	100
79) 2-Chlorotoluene	11.366	91	238570	21.197	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	284201	21.485	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24571	17.664	ug/l #	78
82) 4-Chlorotoluene	11.457	91	270907	20.821	ug/l	99
83) tert-Butylbenzene	11.719	119	282699	22.073	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	283908	21.403	ug/l	99
85) sec-Butylbenzene	11.890	105	334733	21.188	ug/l	100
86) p-Isopropyltoluene	12.012	119	284232	21.441	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	153770	20.871	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	152542	19.961	ug/l	97
89) n-Butylbenzene	12.335	91	230000	20.024	ug/l	98
90) Hexachloroethane	12.542	117	41881	19.536	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	153857	21.258	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26334	22.645	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	89163	21.329	ug/l	98
94) Hexachlorobutadiene	13.725	225	37424	22.037	ug/l	94
95) Naphthalene	13.774	128	327076	21.987	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	90120	21.464	ug/l	95

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

