

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029043.D
 Acq On : 27 May 2022 23:46
 Operator : JC/MD
 Sample : VX0527WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS02

Quant Time: May 28 08:35:29 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 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	248452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	411120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166338	48.841	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.680%		
35) Dibromofluoromethane	5.391	113	143286	53.195	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.400%		
50) Toluene-d8	8.653	98	509503	50.171	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.340%		
62) 4-Bromofluorobenzene	11.079	95	197787	52.144	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51659	15.879	ug/l	99
3) Chloromethane	1.288	50	47595	15.535	ug/l	99
4) Vinyl Chloride	1.374	62	53199	16.113	ug/l	99
5) Bromomethane	1.605	94	45428	15.656	ug/l	98
6) Chloroethane	1.685	64	35499	15.552	ug/l	99
7) Trichlorofluoromethane	1.886	101	83301	15.825	ug/l	100
8) Diethyl Ether	2.136	74	33455	17.442	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	49868	18.002	ug/l	100
10) Methyl Iodide	2.453	142	44763	13.497	ug/l	97
11) Tert butyl alcohol	2.965	59	96576	129.784	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	45118	17.546	ug/l	97
13) Acrolein	2.233	56	15045	26.914	ug/l	95
14) Allyl chloride	2.666	41	71384	17.309	ug/l	96
15) Acrylonitrile	3.062	53	160197	97.629	ug/l	100
16) Acetone	2.380	43	136807	93.598	ug/l	95
17) Carbon Disulfide	2.514	76	85888	12.885	ug/l	99
18) Methyl Acetate	2.703	43	73738	20.142	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	182977	20.053	ug/l	99
20) Methylene Chloride	2.788	84	55856	18.215	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	50854	17.558	ug/l	95
22) Diisopropyl ether	3.763	45	166969	18.945	ug/l	91
23) Vinyl Acetate	3.721	43	692473	91.143	ug/l	97
24) 1,1-Dichloroethane	3.611	63	95139	18.569	ug/l	99
25) 2-Butanone	4.562	43	214742	93.598	ug/l	100
26) 2,2-Dichloropropane	4.477	77	61450	15.297	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	63703	18.831	ug/l	95
28) Bromochloromethane	4.904	49	39544	18.336	ug/l	100
29) Tetrahydrofuran	5.007	42	135885	91.117	ug/l	96
30) Chloroform	5.099	83	107734	19.429	ug/l	99
31) Cyclohexane	5.470	56	74749	15.812	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	91815	18.967	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69512	17.182	ug/l	99
37) Ethyl Acetate	4.715	43	82963	19.633	ug/l	99
38) Carbon Tetrachloride	5.684	117	76846	18.874	ug/l	99
39) Methylcyclohexane	7.385	83	78986	17.024	ug/l	94
40) Benzene	6.044	78	220392	18.955	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44672	19.716	ug/l	95
42) 1,2-Dichloroethane	6.092	62	80996	18.885	ug/l	99
43) Isopropyl Acetate	6.342	43	125491	18.982	ug/l	98
44) Trichloroethene	7.129	130	60627	19.226	ug/l	100
45) 1,2-Dichloropropane	7.434	63	56142	19.353	ug/l	99
46) Dibromomethane	7.586	93	41115	18.978	ug/l	97
47) Bromodichloromethane	7.824	83	78329	19.474	ug/l	96
48) Methyl methacrylate	7.696	41	61404	19.228	ug/l	93
49) 1,4-Dioxane	7.665	88	34655	434.378	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	422960	97.131	ug/l	97
52) Toluene	8.720	92	142930	19.109	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	75807	17.476	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84102	18.583	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	63069	20.679	ug/l	98
56) Ethyl methacrylate	9.116	69	94132	20.381	ug/l	94
57) 1,3-Dichloropropane	9.311	76	102622	19.949	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	205776	91.001	ug/l	97
59) 2-Hexanone	9.433	43	325828	96.309	ug/l	94
60) Dibromochloromethane	9.525	129	60458	20.325	ug/l	97
61) 1,2-Dibromoethane	9.610	107	63849	19.932	ug/l	98
64) Tetrachloroethene	9.275	164	53728	19.001	ug/l	97
65) Chlorobenzene	10.079	112	158062	19.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60210	21.397	ug/l	99
67) Ethyl Benzene	10.195	91	275585	19.356	ug/l	99
68) m/p-Xylenes	10.305	106	215048	38.795	ug/l	99
69) o-Xylene	10.640	106	106590	19.531	ug/l	97
70) Styrene	10.659	104	180543	20.371	ug/l	98
71) Bromoform	10.799	173	42263	19.303	ug/l #	99
73) Isopropylbenzene	10.963	105	284200	19.410	ug/l	99
74) N-amyl acetate	10.848	43	101628	17.657	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	101959	20.298	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	89429m	19.778	ug/l	
77) Bromobenzene	11.201	156	70633	20.388	ug/l	96
78) n-propylbenzene	11.305	91	315204	18.611	ug/l	99
79) 2-Chlorotoluene	11.366	91	198129	19.087	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	240827	19.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22196	17.381	ug/l #	83
82) 4-Chlorotoluene	11.457	91	226498	18.874	ug/l	100
83) tert-Butylbenzene	11.713	119	244202	20.673	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	241603	19.748	ug/l	99
85) sec-Butylbenzene	11.890	105	292655	20.085	ug/l	100
86) p-Isopropyltoluene	12.012	119	246092	20.128	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	131340	19.328	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	135040	19.159	ug/l	98
89) n-Butylbenzene	12.335	91	195148	18.421	ug/l	100
90) Hexachloroethane	12.542	117	37299	18.864	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	137377	20.580	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21709	20.241	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	81627	21.172	ug/l	99
94) Hexachlorobutadiene	13.725	225	34401	21.963	ug/l	93
95) Naphthalene	13.774	128	297272	21.667	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	82874	21.402	ug/l	96

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

