

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028968.D
 Acq On : 25 May 2022 23:12
 Operator : JC/MD
 Sample : VX0525WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525WBS02

Quant Time: May 26 05:49:20 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 05/26/2022
 Supervised By : Mahesh Dadoda 05/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	243203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177435	53.224	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.440%			
35) Dibromofluoromethane	5.391	113	146411	55.229	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.460%			
50) Toluene-d8	8.653	98	524485	52.476	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.960%			
62) 4-Bromofluorobenzene	11.079	95	201913	54.087	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	56781	17.830	ug/l	100
3) Chloromethane	1.288	50	50995	17.004	ug/l	100
4) Vinyl Chloride	1.374	62	57097	17.666	ug/l	99
5) Bromomethane	1.605	94	50133	18.443	ug/l	98
6) Chloroethane	1.685	64	39258	17.869	ug/l	99
7) Trichlorofluoromethane	1.886	101	91402	17.738	ug/l	99
8) Diethyl Ether	2.136	74	33717	17.958	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	51346	18.936	ug/l	99
10) Methyl Iodide	2.453	142	50831	15.658	ug/l	96
11) Tert butyl alcohol	2.959	59	93070	127.644	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	47694	18.949	ug/l	98
13) Acrolein	2.239	56	34163	62.433	ug/l	96
14) Allyl chloride	2.666	41	76126	18.857	ug/l	95
15) Acrylonitrile	3.062	53	163134	101.564	ug/l	99
16) Acetone	2.380	43	140099	97.919	ug/l	94
17) Carbon Disulfide	2.514	76	96318	14.762	ug/l	99
18) Methyl Acetate	2.703	43	76171	21.256	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	185807	20.802	ug/l	99
20) Methylene Chloride	2.788	84	58825	19.597	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	53939	19.025	ug/l	95
22) Diisopropyl ether	3.763	45	173210	20.078	ug/l	92
23) Vinyl Acetate	3.721	43	725917	97.607	ug/l	95
24) 1,1-Dichloroethane	3.611	63	100992	20.137	ug/l	99
25) 2-Butanone	4.556	43	221960	98.832	ug/l	96
26) 2,2-Dichloropropane	4.483	77	64558	16.417	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	66331	20.032	ug/l	96
28) Bromochloromethane	4.903	49	37624	17.822	ug/l	98
29) Tetrahydrofuran	5.007	42	139725	95.714	ug/l	95
30) Chloroform	5.099	83	110762	20.406	ug/l	100
31) Cyclohexane	5.477	56	79919	17.271	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	96183	20.298	ug/l	98
36) 1,1-Dichloropropene	5.696	75	74779	18.780	ug/l	99
37) Ethyl Acetate	4.721	43	85024	20.444	ug/l	98
38) Carbon Tetrachloride	5.684	117	80552	20.102	ug/l	97
39) Methylcyclohexane	7.385	83	83923	18.379	ug/l	95
40) Benzene	6.043	78	225864	19.737	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46545	20.873	ug/l	94
42) 1,2-Dichloroethane	6.092	62	86711	20.543	ug/l	98
43) Isopropyl Acetate	6.342	43	128397	19.734	ug/l	96
44) Trichloroethene	7.129	130	64426	20.759	ug/l	97
45) 1,2-Dichloropropane	7.433	63	58775	20.586	ug/l	96
46) Dibromomethane	7.586	93	42650	20.003	ug/l	96
47) Bromodichloromethane	7.824	83	81458	20.578	ug/l	99
48) Methyl methacrylate	7.696	41	63888	20.327	ug/l	91
49) 1,4-Dioxane	7.671	88	31671	403.357	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	434040	101.278	ug/l	96
52) Toluene	8.720	92	148154	20.126	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	77549	18.101	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	87111	19.557	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	63764	21.243	ug/l	96
56) Ethyl methacrylate	9.116	69	93252	20.515	ug/l	91
57) 1,3-Dichloropropane	9.311	76	105878	20.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	227841	102.379	ug/l	97
59) 2-Hexanone	9.433	43	332204	99.772	ug/l	94
60) Dibromochloromethane	9.525	129	61603	21.043	ug/l	98
61) 1,2-Dibromoethane	9.610	107	65369	20.734	ug/l	98
64) Tetrachloroethene	9.275	164	56803	20.399	ug/l	97
65) Chlorobenzene	10.079	112	161427	20.635	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	61551	22.211	ug/l	97
67) Ethyl Benzene	10.195	91	281898	20.105	ug/l	99
68) m/p-Xylenes	10.305	106	219975	40.296	ug/l	98
69) o-Xylene	10.646	106	109830	20.435	ug/l	99
70) Styrene	10.659	104	181046	20.743	ug/l	97
71) Bromoform	10.805	173	43169	19.952	ug/l	99
73) Isopropylbenzene	10.963	105	287189	20.557	ug/l	98
74) N-amyl acetate	10.848	43	101444	18.472	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	100604	20.991	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88581m	20.532	ug/l	
77) Bromobenzene	11.201	156	69135	20.915	ug/l	97
78) n-propylbenzene	11.305	91	322400	19.950	ug/l	100
79) 2-Chlorotoluene	11.366	91	202321	20.427	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	244614	21.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21890	17.835	ug/l #	80
82) 4-Chlorotoluene	11.457	91	230804	20.157	ug/l	100
83) tert-Butylbenzene	11.713	119	243312	21.588	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	243471	20.857	ug/l	99
85) sec-Butylbenzene	11.890	105	294476	21.181	ug/l	100
86) p-Isopropyltoluene	12.012	119	248246	21.279	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	131023	20.208	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	133085	19.789	ug/l	98
89) n-Butylbenzene	12.335	91	200488	19.834	ug/l	99
90) Hexachloroethane	12.542	117	37013	19.619	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	133629	20.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21995	21.492	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	81609	22.184	ug/l	98
94) Hexachlorobutadiene	13.725	225	33668	22.528	ug/l	93
95) Naphthalene	13.780	128	290117	22.162	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83617	22.631	ug/l	96

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

