

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029636.D
 Acq On : 21 Jun 2022 03:26
 Operator : JC/MD
 Sample : VX0620WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS02

Quant Time: Jun 21 03:57:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	242772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160953	50.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.160%			
35) Dibromofluoromethane	5.391	113	139977	48.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.500%			
50) Toluene-d8	8.653	98	515756	49.170	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.340%			
62) 4-Bromofluorobenzene	11.085	95	192587	48.687	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60726	20.655	ug/l	95
3) Chloromethane	1.294	50	59736	18.860	ug/l	99
4) Vinyl Chloride	1.374	62	58321	20.000	ug/l	99
5) Bromomethane	1.611	94	28939	19.451	ug/l	96
6) Chloroethane	1.691	64	35754	17.862	ug/l	97
7) Trichlorofluoromethane	1.892	101	79956	19.681	ug/l	97
8) Diethyl Ether	2.136	74	34002	21.244	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	48041	18.858	ug/l	98
10) Methyl Iodide	2.453	142	43801	17.190	ug/l	96
11) Tert butyl alcohol	2.983	59	81151	110.722	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	50966	20.722	ug/l	96
13) Acrolein	2.239	56	17198	97.149	ug/l	98
14) Allyl chloride	2.666	41	77882	19.612	ug/l	95
15) Acrylonitrile	3.068	53	161144	107.205	ug/l	99
16) Acetone	2.386	43	131013	102.280	ug/l	99
17) Carbon Disulfide	2.514	76	125919	19.748	ug/l	99
18) Methyl Acetate	2.709	43	77247	22.809	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	179411	21.011	ug/l	97
20) Methylene Chloride	2.794	84	59406	20.823	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	55646	20.700	ug/l	94
22) Diisopropyl ether	3.763	45	168455	21.444	ug/l #	85
23) Vinyl Acetate	3.727	43	684288	104.341	ug/l	98
24) 1,1-Dichloroethane	3.611	63	98304	20.808	ug/l	99
25) 2-Butanone	4.562	43	214000	105.694	ug/l	99
26) 2,2-Dichloropropane	4.483	77	45509	12.377	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	66601	21.207	ug/l	91
28) Bromochloromethane	4.903	49	37162	20.589	ug/l	99
29) Tetrahydrofuran	5.013	42	143428	106.294	ug/l	95
30) Chloroform	5.098	83	104551	20.912	ug/l	99
31) Cyclohexane	5.476	56	82183	19.048	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	89392	20.271	ug/l	98
36) 1,1-Dichloropropene	5.696	75	74216	19.098	ug/l	99
37) Ethyl Acetate	4.721	43	82272	20.654	ug/l	98
38) Carbon Tetrachloride	5.684	117	73826	19.319	ug/l	92
39) Methylcyclohexane	7.385	83	84317	17.403	ug/l	97
40) Benzene	6.043	78	232380	20.173	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44434	21.173	ug/l	95
42) 1,2-Dichloroethane	6.092	62	78075	19.717	ug/l	98
43) Isopropyl Acetate	6.342	43	124130	20.040	ug/l	99
44) Trichloroethene	7.129	130	63708	18.813	ug/l	91
45) 1,2-Dichloropropane	7.433	63	57302	20.283	ug/l	93
46) Dibromomethane	7.586	93	41153	20.267	ug/l	96
47) Bromodichloromethane	7.824	83	78942	20.175	ug/l	98
48) Methyl methacrylate	7.696	41	60541	19.935	ug/l	94
49) 1,4-Dioxane	7.683	88	31576	403.264	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	411224	103.003	ug/l	97
52) Toluene	8.720	92	147600	20.010	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	73130	18.496	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	82888	18.721	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	61643	20.669	ug/l	98
56) Ethyl methacrylate	9.116	69	92629	20.559	ug/l	94
57) 1,3-Dichloropropane	9.311	76	99612	20.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	198231	93.640	ug/l	96
59) 2-Hexanone	9.433	43	310964	102.860	ug/l	96
60) Dibromochloromethane	9.525	129	59495	20.547	ug/l	95
61) 1,2-Dibromoethane	9.610	107	64230	20.773	ug/l	99
64) Tetrachloroethene	9.275	164	55595	19.602	ug/l	97
65) Chlorobenzene	10.079	112	156558	20.349	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	56189	20.336	ug/l	99
67) Ethyl Benzene	10.195	91	275736	19.919	ug/l	99
68) m/p-Xylenes	10.305	106	215630	39.943	ug/l	100
69) o-Xylene	10.646	106	105985	19.871	ug/l	97
70) Styrene	10.658	104	177179	20.289	ug/l	98
71) Bromoform	10.799	173	40260	20.551	ug/l #	99
73) Isopropylbenzene	10.963	105	271790	19.507	ug/l	99
74) N-amyl acetate	10.847	43	94232	19.474	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	95353	21.168	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	82327m	20.337	ug/l	
77) Bromobenzene	11.201	156	64889	20.406	ug/l	95
78) n-propylbenzene	11.305	91	302675	19.288	ug/l	99
79) 2-Chlorotoluene	11.366	91	188305	19.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	233225	19.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20613	16.940	ug/l	89
82) 4-Chlorotoluene	11.457	91	213192	19.240	ug/l	99
83) tert-Butylbenzene	11.719	119	224169	19.594	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	230090	19.661	ug/l	99
85) sec-Butylbenzene	11.890	105	272424	19.213	ug/l	100
86) p-Isopropyltoluene	12.012	119	228938	19.284	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120051	19.819	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	118643	19.617	ug/l	97
89) n-Butylbenzene	12.335	91	184691	18.432	ug/l	99
90) Hexachloroethane	12.542	117	33225	19.544	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	121017	20.324	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20546	20.585	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	71282	19.632	ug/l	98
94) Hexachlorobutadiene	13.725	225	26595	17.890	ug/l	94
95) Naphthalene	13.780	128	270757	20.772	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71712	19.720	ug/l	94

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

