

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029159.D
 Acq On : 03 Jun 2022 00:52
 Operator : JC/MD
 Sample : N3022-06MS 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20220525MS

Quant Time: Jun 03 04:36:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	256238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152960	52.937	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.880%			
35) Dibromofluoromethane	5.391	113	136715	46.689	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.380%			
50) Toluene-d8	8.653	98	495723	46.287	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.580%			
62) 4-Bromofluorobenzene	11.085	95	186136	44.962	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122817	55.126	ug/l	99
3) Chloromethane	1.288	50	118027	50.629	ug/l	98
4) Vinyl Chloride	1.374	62	134695	52.541	ug/l	98
5) Bromomethane	1.605	94	56940	48.100	ug/l	98
6) Chloroethane	1.678	64	81649	43.063	ug/l	99
7) Trichlorofluoromethane	1.886	101	206361	51.792	ug/l	96
8) Diethyl Ether	2.136	74	75755	49.610	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	122389	51.792	ug/l	99
10) Methyl Iodide	2.453	142	147875	50.959	ug/l	98
11) Tert butyl alcohol	2.989	59	184497	275.634	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	120571	52.208	ug/l	95
13) Acrolein	2.239	56	59426	195.944	ug/l	98
14) Allyl chloride	2.666	41	184339	53.147	ug/l	95
15) Acrylonitrile	3.068	53	400410	290.529	ug/l	99
16) Acetone	2.380	43	322153	283.139	ug/l	100
17) Carbon Disulfide	2.514	76	281923	44.508	ug/l	100
18) Methyl Acetate	2.703	43	179698	61.067	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	431013	55.007	ug/l	99
20) Methylene Chloride	2.788	84	142400	53.680	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	135966	52.185	ug/l	97
22) Diisopropyl ether	3.763	45	391113	56.378	ug/l	95
23) Vinyl Acetate	3.721	43	1650256	284.832	ug/l	99
24) 1,1-Dichloroethane	3.611	63	237920	55.431	ug/l	100
25) 2-Butanone	4.562	43	521821	284.310	ug/l	98
26) 2,2-Dichloropropane	4.483	77	133938	38.037	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	222733	71.683	ug/l	90
28) Bromochloromethane	4.904	49	95673	55.398	ug/l	99
29) Tetrahydrofuran	5.007	42	346219	294.156	ug/l	96
30) Chloroform	5.099	83	259308	54.496	ug/l	99
31) Cyclohexane	5.470	56	206679	55.019	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	223343	51.835	ug/l	99
36) 1,1-Dichloropropene	5.696	75	185074	49.121	ug/l	100
37) Ethyl Acetate	4.715	43	192334	52.673	ug/l	99
38) Carbon Tetrachloride	5.678	117	192955	44.812	ug/l	98
39) Methylcyclohexane	7.385	83	220808	47.408	ug/l	95
40) Benzene	6.044	78	560225	50.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	104833	53.154	ug/l	97
42) 1,2-Dichloroethane	6.092	62	191501	50.604	ug/l	99
43) Isopropyl Acetate	6.342	43	286109	50.084	ug/l	100
44) Trichloroethene	7.129	130	461599	140.807	ug/l	93
45) 1,2-Dichloropropane	7.434	63	139844	52.001	ug/l	95
46) Dibromomethane	7.586	93	101474	48.437	ug/l	95
47) Bromodichloromethane	7.824	83	192868	46.700	ug/l	97
48) Methyl methacrylate	7.696	41	145578	52.389	ug/l	96
49) 1,4-Dioxane	7.671	88	83549	982.583	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	992086	261.107	ug/l	99
52) Toluene	8.720	92	367131	49.251	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	188896	44.503	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	215919	46.493	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	149984	48.354	ug/l	98
56) Ethyl methacrylate	9.116	69	221012	50.198	ug/l	97
57) 1,3-Dichloropropane	9.311	76	246455	49.849	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	459406	220.193	ug/l	97
59) 2-Hexanone	9.433	43	770630	260.617	ug/l	98
60) Dibromochloromethane	9.525	129	151548	42.929	ug/l	95
61) 1,2-Dibromoethane	9.610	107	158925	47.373	ug/l	97
64) Tetrachloroethene	9.275	164	135352	44.691	ug/l	94
65) Chlorobenzene	10.079	112	388358	46.999	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	143714	45.119	ug/l	98
67) Ethyl Benzene	10.195	91	698308	50.296	ug/l	98
68) m/p-Xylenes	10.305	106	543787	97.526	ug/l	99
69) o-Xylene	10.640	106	267359	48.517	ug/l	99
70) Styrene	10.659	104	454114	49.516	ug/l	98
71) Bromoform	10.805	173	107321	39.027	ug/l	100
73) Isopropylbenzene	10.963	105	699117	52.829	ug/l	99
74) N-amyl acetate	10.848	43	235220	54.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	236889	53.100	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	210843m	52.816	ug/l	
77) Bromobenzene	11.201	156	164132	46.502	ug/l	98
78) n-propylbenzene	11.305	91	798589	54.258	ug/l	100
79) 2-Chlorotoluene	11.366	91	487508	52.401	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	594528	52.477	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	58257	42.814	ug/l	91
82) 4-Chlorotoluene	11.457	91	558016	52.397	ug/l	100
83) tert-Butylbenzene	11.719	119	587882	50.769	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	600316	53.085	ug/l	99
85) sec-Butylbenzene	11.890	105	714794	52.580	ug/l	100
86) p-Isopropyltoluene	12.012	119	605519	50.947	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	315035	47.358	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	318467	46.458	ug/l	98
89) n-Butylbenzene	12.335	91	499738	51.814	ug/l	99
90) Hexachloroethane	12.542	117	97580	45.155	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	316435	48.290	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53302	53.512	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	190918	46.720	ug/l	98
94) Hexachlorobutadiene	13.725	225	75288	44.065	ug/l	94
95) Naphthalene	13.774	128	723161	55.341	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	194994	48.322	ug/l	94

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

