

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
 Data File : VX029132.D
 Acq On : 01 Jun 2022 20:37
 Operator : JC/MD
 Sample : N3022-07MSD 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N3022-06MSD

Quant Time: Jun 02 09:16:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	289537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214667	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142174	43.546	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.100%
35) Dibromofluoromethane	5.391	113	142460	46.942	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.880%
50) Toluene-d8	8.653	98	529204	47.678	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.360%
62) 4-Bromofluorobenzene	11.085	95	195279	45.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	125689	49.927	ug/l	99
3) Chloromethane	1.288	50	128567	48.807	ug/l	99
4) Vinyl Chloride	1.374	62	146355	50.524	ug/l	98
5) Bromomethane	1.605	94	65656	49.175	ug/l	100
6) Chloroethane	1.678	64	99113	46.946	ug/l	100
7) Trichlorofluoromethane	1.886	101	224377	49.838	ug/l	99
8) Diethyl Ether	2.136	74	89062	51.616	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	137081	51.338	ug/l	95
10) Methyl Iodide	2.453	142	169572	51.652	ug/l	98
11) Tert butyl alcohol	2.983	59	181376	239.807	ug/l	97
12) 1,1-Dichloroethene	2.319	96	138303	52.998	ug/l	89
13) Acrolein	2.239	56	71701	209.228	ug/l	99
14) Allyl chloride	2.666	41	189964	48.470	ug/l	96
15) Acrylonitrile	3.062	53	409416	262.899	ug/l	99
16) Acetone	2.380	43	318900	248.046	ug/l	100
17) Carbon Disulfide	2.514	76	325911	45.535	ug/l	99
18) Methyl Acetate	2.703	43	172371	51.840	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	454394	51.322	ug/l	100
20) Methylene Chloride	2.788	84	155095	51.742	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	152835	51.913	ug/l	90
22) Diisopropyl ether	3.763	45	400582	51.102	ug/l	94
23) Vinyl Acetate	3.721	43	1705885	260.571	ug/l	97
24) 1,1-Dichloroethane	3.611	63	249260	51.394	ug/l	98
25) 2-Butanone	4.556	43	525455	253.365	ug/l	97
26) 2,2-Dichloropropane	4.477	77	144169	36.233	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	243164	69.258	ug/l	85
28) Bromochloromethane	4.904	49	90539	46.396	ug/l #	81
29) Tetrahydrofuran	5.007	42	346648	260.649	ug/l	98
30) Chloroform	5.099	83	268002	49.845	ug/l	100
31) Cyclohexane	5.477	56	218599	51.500	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	239189	49.128	ug/l	96
36) 1,1-Dichloropropene	5.696	75	197649	50.616	ug/l	96
37) Ethyl Acetate	4.721	43	196161	51.834	ug/l	96
38) Carbon Tetrachloride	5.678	117	213785	47.906	ug/l	98
39) Methylcyclohexane	7.385	83	246941	51.157	ug/l	96
40) Benzene	6.044	78	611490	52.872	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	105841	51.780	ug/l	98
42) 1,2-Dichloroethane	6.086	62	187175	47.723	ug/l	94
43) Isopropyl Acetate	6.342	43	295242	49.867	ug/l	96
44) Trichloroethene	7.129	130	517248	152.298	ug/l	97
45) 1,2-Dichloropropane	7.434	63	149601	53.675	ug/l	97
46) Dibromomethane	7.586	93	110147	50.730	ug/l	94
47) Bromodichloromethane	7.824	83	205471	48.004	ug/l	98
48) Methyl methacrylate	7.696	41	145598	50.556	ug/l	98
49) 1,4-Dioxane	7.671	88	92490	1049.531	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	983070	249.647	ug/l	97
52) Toluene	8.720	92	406471	52.613	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	205242	46.656	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	235142	48.854	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	165527	51.491	ug/l	99
56) Ethyl methacrylate	9.116	69	244636	53.612	ug/l	97
57) 1,3-Dichloropropane	9.311	76	263407	51.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	475587	219.943	ug/l	92
59) 2-Hexanone	9.433	43	771106	251.619	ug/l	99
60) Dibromochloromethane	9.525	129	175360	47.930	ug/l	97
61) 1,2-Dibromoethane	9.610	107	178431	51.319	ug/l	98
64) Tetrachloroethene	9.275	164	168078	53.582	ug/l	97
65) Chlorobenzene	10.079	112	444173	51.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	165692	50.224	ug/l	100
67) Ethyl Benzene	10.195	91	758775	52.765	ug/l	96
68) m/p-Xylenes	10.305	106	618318	107.066	ug/l	94
69) o-Xylene	10.646	106	303827	53.232	ug/l	95
70) Styrene	10.659	104	512155	53.918	ug/l	97
71) Bromoform	10.799	173	132358	46.471	ug/l #	100
73) Isopropylbenzene	10.963	105	777131	53.871	ug/l	98
74) N-amyl acetate	10.848	43	243915	52.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	256099	52.662	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	219162m	50.363	ug/l	
77) Bromobenzene	11.201	156	200515	52.115	ug/l	91
78) n-propylbenzene	11.305	91	864545	53.884	ug/l	96
79) 2-Chlorotoluene	11.366	91	523048	51.575	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	658991	53.360	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	63596	42.875	ug/l	98
82) 4-Chlorotoluene	11.457	91	603025	51.943	ug/l	96
83) tert-Butylbenzene	11.719	119	666645	52.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	665939	54.021	ug/l	98
85) sec-Butylbenzene	11.890	105	798904	53.910	ug/l	98
86) p-Isopropyltoluene	12.012	119	692335	53.437	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	378344	52.174	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	381132	51.005	ug/l	100
89) n-Butylbenzene	12.335	91	551041	52.411	ug/l	98
90) Hexachloroethane	12.542	117	105756	44.894	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	381533	53.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54462	50.157	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	246408	55.316	ug/l	99
94) Hexachlorobutadiene	13.725	225	99893	53.770	ug/l	95
95) Naphthalene	13.774	128	854202	59.966	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	244155	55.504	ug/l	96

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

