

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029674.D
 Acq On : 21 Jun 2022 20:03
 Operator : JC/MD
 Sample : N3398-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-021

Quant Time: Jun 22 01:12:59 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	247572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	418707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134995	41.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.380%
35) Dibromofluoromethane	5.391	113	123274	45.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.653	98	477151	47.867	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.740%
62) 4-Bromofluorobenzene	11.079	95	174746	46.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.282	85	217	0.072	ug/l #	42
4) Vinyl Chloride	1.246	62	53	0.018	ug/l #	1
8) Diethyl Ether	1.989	74	29	0.018	ug/l #	7
11) Tert butyl alcohol	2.965	59	31804	36.636	ug/l	99
12) 1,1-Dichloroethene	2.209	96	80	0.032	ug/l #	1
15) Acrylonitrile	3.068	53	51	0.033	ug/l #	18
16) Acetone	2.380	43	312986	239.606	ug/l	98
17) Carbon Disulfide	2.514	76	2471	0.380	ug/l	100
18) Methyl Acetate	2.709	43	3278	0.949	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	21	0.002	ug/l #	55
20) Methylene Chloride	2.794	84	599	0.206	ug/l	90
22) Diisopropyl ether	3.885	45	30	0.004	ug/l #	77
23) Vinyl Acetate	3.709	43	49	0.007	ug/l #	66
25) 2-Butanone	4.562	43	163652	79.260	ug/l	98
29) Tetrahydrofuran	5.019	42	7534	5.475	ug/l	94
32) 1,1,1-Trichloroethane	5.544	97	23	0.005	ug/l #	1
39) Methylcyclohexane	7.623	83	20	0.004	ug/l #	21
40) Benzene	6.037	78	3101	0.283	ug/l	99
42) 1,2-Dichloroethane	6.092	62	176	0.047	ug/l #	73
45) 1,2-Dichloropropane	7.580	63	25	0.009	ug/l #	53
47) Bromodichloromethane	7.623	83	20	0.005	ug/l #	24
51) 4-Methyl-2-Pentanone	8.574	43	5865	1.546	ug/l	95
52) Toluene	8.720	92	23454	3.346	ug/l	98
53) t-1,3-Dichloropropene	8.903	75	367	0.098	ug/l #	43
55) 1,1,2-Trichloroethane	9.000	97	45	0.016	ug/l #	16
56) Ethyl methacrylate	9.189	69	636	0.149	ug/l #	74
58) 2-Chloroethyl Vinyl ether	8.439	63	21	0.010	ug/l #	45
59) 2-Hexanone	9.439	43	3139	1.093	ug/l	95
60) Dibromochloromethane	9.275	129	21	0.008	ug/l #	9
66) 1,1,1,2-Tetrachloroethane	10.220	131	31	0.012	ug/l #	8
67) Ethyl Benzene	10.195	91	1791	0.138	ug/l #	76
68) m/p-Xylenes	10.299	106	2878	0.569	ug/l	97
69) o-Xylene	10.646	106	1346	0.269	ug/l	91
70) Styrene	10.665	104	1396	0.171	ug/l	96
71) Bromoform	10.805	173	29	0.016	ug/l #	29
73) Isopropylbenzene	10.963	105	328	0.026	ug/l	83

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

75) 1,1,2,2-Tetrachloroethane	11.213	83	160	0.039	ug/l #	25
77) Bromobenzene	11.195	156	125	0.043	ug/l #	50
78) n-propylbenzene	11.311	91	1162	0.081	ug/l	94
79) 2-Chlorotoluene	11.134	91	157	0.018	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	1407	0.131	ug/l	92
82) 4-Chlorotoluene	11.457	91	505	0.050	ug/l #	45
83) tert-Butylbenzene	11.756	119	727	0.069	ug/l #	73
84) 1,2,4-Trimethylbenzene	11.756	105	4655	0.434	ug/l	96
85) sec-Butylbenzene	11.896	105	370	0.028	ug/l #	56
86) p-Isopropyltoluene	12.006	119	516	0.047	ug/l #	1
87) 1,3-Dichlorobenzene	11.969	146	257	0.046	ug/l #	41
88) 1,4-Dichlorobenzene	12.036	146	387	0.070	ug/l #	1
89) n-Butylbenzene	12.335	91	714	0.078	ug/l #	69
90) Hexachloroethane	12.530	117	75	0.048	ug/l #	10
91) 1,2-Dichlorobenzene	12.323	146	243	0.045	ug/l #	38
92) 1,2-Dibromo-3-Chloropr...	12.920	75	30	0.033	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	85	0.026	ug/l #	1
95) Naphthalene	13.780	128	13852	1.159	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.975	180	591	0.177	ug/l	59

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

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