

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027883.D
 Acq On : 01 Apr 2022 15:59
 Operator : JC/MD
 Sample : N2074-20MS 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220321MS

Quant Time: Apr 02 05:07:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	60370	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	101891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47055	60.409	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 120.820%			
35) Dibromofluoromethane	5.391	113	35266	53.622	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.240%			
50) Toluene-d8	8.653	98	120892	52.243	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.480%			
62) 4-Bromofluorobenzene	11.085	95	50818	51.677	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31582	57.733	ug/l	99
3) Chloromethane	1.288	50	25763	53.295	ug/l	98
4) Vinyl Chloride	1.374	62	28250	56.983	ug/l	99
5) Bromomethane	1.605	94	10979	49.113	ug/l	96
6) Chloroethane	1.684	64	16858	50.444	ug/l	94
7) Trichlorofluoromethane	1.886	101	47737	54.890	ug/l	94
8) Diethyl Ether	2.136	74	17854	57.193	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	34219	60.534	ug/l	97
10) Methyl Iodide	2.453	142	35259	53.710	ug/l	# 88
11) Tert butyl alcohol	2.971	59	44768	299.203	ug/l	100
12) 1,1-Dichloroethene	2.318	96	29026	55.964	ug/l	97
13) Acrolein	2.239	56	39256	350.302	ug/l	97
14) Allyl chloride	2.666	41	55875	58.678	ug/l	# 87
15) Acrylonitrile	3.062	53	107023	304.624	ug/l	98
16) Acetone	2.379	43	94508	274.150	ug/l	92
17) Carbon Disulfide	2.514	76	48549	45.758	ug/l	100
18) Methyl Acetate	2.703	43	50020	58.861	ug/l	# 88
19) Methyl tert-butyl Ether	3.117	73	121340	61.404	ug/l	98
20) Methylene Chloride	2.788	84	33815	54.534	ug/l	# 84
21) trans-1,2-Dichloroethene	3.093	96	28527	50.674	ug/l	91
22) Diisopropyl ether	3.763	45	120709	63.253	ug/l	# 84
23) Vinyl Acetate	3.721	43	534414	324.129	ug/l	# 90
24) 1,1-Dichloroethane	3.611	63	64612	60.182	ug/l	97
25) 2-Butanone	4.556	43	157537	314.063	ug/l	90
26) 2,2-Dichloropropane	4.483	77	54016	62.994	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	38149	56.198	ug/l	90
28) Bromochloromethane	4.903	49	27309	59.137	ug/l	84
29) Tetrahydrofuran	5.007	42	100712	312.565	ug/l	# 84
30) Chloroform	5.098	83	73691	61.745	ug/l	99
31) Cyclohexane	5.470	56	47268	54.896	ug/l	# 83
32) 1,1,1-Trichloroethane	5.391	97	63623	61.627	ug/l	97
36) 1,1-Dichloropropene	5.702	75	45185	54.548	ug/l	96
37) Ethyl Acetate	4.714	43	59728	58.163	ug/l	95
38) Carbon Tetrachloride	5.684	117	55845	61.022	ug/l	100
39) Methylcyclohexane	7.385	83	49115	50.386	ug/l	94
40) Benzene	6.043	78	132006	52.586	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33311	60.985	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	61088	60.901	ug/l	92
43) Isopropyl Acetate	6.342	43	95964	58.344	ug/l #	90
44) Trichloroethene	7.129	130	142824	209.358	ug/l	88
45) 1,2-Dichloropropane	7.433	63	37245	55.228	ug/l	98
46) Dibromomethane	7.586	93	27555	54.290	ug/l	94
47) Bromodichloromethane	7.824	83	56194	55.591	ug/l	98
48) Methyl methacrylate	7.696	41	44557	51.655	ug/l	84
49) 1,4-Dioxane	7.671	88	18456	1083.870	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	306037	268.216	ug/l	89
52) Toluene	8.720	92	86850	54.926	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	56280	55.553	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	59310	55.596	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	38203	54.473	ug/l	98
56) Ethyl methacrylate	9.116	69	59354	53.437	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	61824	52.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	4395	7.925	ug/l	99
59) 2-Hexanone	9.433	43	225781	256.990	ug/l	87
60) Dibromochloromethane	9.525	129	43542	59.878	ug/l	97
61) 1,2-Dibromoethane	9.610	107	40420	55.157	ug/l	99
64) Tetrachloroethene	9.275	164	35014	56.223	ug/l	95
65) Chlorobenzene	10.079	112	95717	52.919	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	38722	57.050	ug/l	97
67) Ethyl Benzene	10.195	91	175182	53.372	ug/l	99
68) m/p-Xylenes	10.305	106	125433	103.905	ug/l	87
69) o-Xylene	10.646	106	63186	53.588	ug/l	86
70) Styrene	10.658	104	109220	54.498	ug/l #	92
71) Bromoform	10.799	173	30192	55.247	ug/l #	98
73) Isopropylbenzene	10.963	105	175604	51.443	ug/l	98
74) N-amyl acetate	10.847	43	80885	52.605	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	63788	55.030	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	58238m	54.150	ug/l	
77) Bromobenzene	11.201	156	39878	51.240	ug/l	85
78) n-propylbenzene	11.305	91	205674	50.432	ug/l	99
79) 2-Chlorotoluene	11.366	91	129020	50.341	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	153980	51.985	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	18072	50.483	ug/l #	79
82) 4-Chlorotoluene	11.457	91	150345	51.119	ug/l	95
83) tert-Butylbenzene	11.719	119	147838	51.616	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	153087	51.833	ug/l	97
85) sec-Butylbenzene	11.890	105	185210	52.398	ug/l	98
86) p-Isopropyltoluene	12.012	119	155870	53.014	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	78687	51.363	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	76794	48.660	ug/l	96
89) n-Butylbenzene	12.335	91	137666	52.073	ug/l	95
90) Hexachloroethane	12.542	117	26275	55.648	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	78248	51.709	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16141	57.844	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	48186	52.069	ug/l	98
94) Hexachlorobutadiene	13.725	225	21234	51.898	ug/l	94
95) Naphthalene	13.780	128	171150	52.969	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48040	52.990	ug/l	95

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

