

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX052022\
 Data File : VX028883.D
 Acq On : 21 May 2022 04:57
 Operator : JC/MD
 Sample : N2970-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 02BR-20220519MS

Quant Time: May 21 06:10:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	261771	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	441586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173790	48.433	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.860%		
35) Dibromofluoromethane	5.391	113	138781	47.968	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.940%		
50) Toluene-d8	8.653	98	494280	45.314	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.620%		
62) 4-Bromofluorobenzene	11.085	95	195480	47.980	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	151615	44.233	ug/l	99
3) Chloromethane	1.294	50	139321	43.160	ug/l	98
4) Vinyl Chloride	1.373	62	153662	44.172	ug/l	100
5) Bromomethane	1.611	94	109086	43.642	ug/l	100
6) Chloroethane	1.684	64	97555	44.266	ug/l	100
7) Trichlorofluoromethane	1.886	101	242090	43.650	ug/l	99
8) Diethyl Ether	2.135	74	87598	43.346	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	127862	43.810	ug/l	98
10) Methyl Iodide	2.453	142	140251	40.138	ug/l	94
11) Tert butyl alcohol	3.019	59	186768m	245.104	ug/l	
12) 1,1-Dichloroethene	2.318	96	123265	45.499	ug/l	93
13) Acrolein	2.239	56	113458	192.637	ug/l	98
14) Allyl chloride	2.666	41	192887	44.391	ug/l	92
15) Acrylonitrile	3.068	53	417395	241.430	ug/l	99
16) Acetone	2.385	43	383799	249.220	ug/l	91
17) Carbon Disulfide	2.513	76	292177	41.603	ug/l	99
18) Methyl Acetate	2.702	43	171008	44.336	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	483186	50.258	ug/l	98
20) Methylene Chloride	2.788	84	144051	44.586	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	135986	44.561	ug/l	98
22) Diisopropyl ether	3.763	45	440244	47.411	ug/l	92
23) Vinyl Acetate	3.727	43	1684240	210.399	ug/l	97
24) 1,1-Dichloroethane	3.611	63	258351	47.858	ug/l	100
25) 2-Butanone	4.562	43	590557	244.304	ug/l	97
26) 2,2-Dichloropropane	4.477	77	152090	35.933	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	278209	78.058	ug/l	95
28) Bromochloromethane	4.897	49	101433	44.640	ug/l	98
29) Tetrahydrofuran	5.007	42	376974	239.916	ug/l	94
30) Chloroform	5.098	83	287252	49.167	ug/l	97
31) Cyclohexane	5.476	56	213491	42.864	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	253913	49.783	ug/l	99
36) 1,1-Dichloropropene	5.696	75	196870	45.304	ug/l	99
37) Ethyl Acetate	4.714	43	200419	44.156	ug/l	98
38) Carbon Tetrachloride	5.678	117	220505	50.421	ug/l	97
39) Methylcyclohexane	7.385	83	222004	44.548	ug/l	95
40) Benzene	6.043	78	579634	46.411	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	123164	50.609	ug/l	93
42) 1,2-Dichloroethane	6.092	62	232968	50.572	ug/l	97
43) Isopropyl Acetate	6.342	43	322690	45.444	ug/l	96
44) Trichloroethene	7.128	130	439024	129.616	ug/l	96
45) 1,2-Dichloropropane	7.433	63	149550	47.995	ug/l	99
46) Dibromomethane	7.586	93	112390	48.298	ug/l	95
47) Bromodichloromethane	7.823	83	218747	50.633	ug/l	99
48) Methyl methacrylate	7.695	41	172324	50.238	ug/l	89
49) 1,4-Dioxane	7.683	88	81372	949.577	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1148841	245.625	ug/l	95
52) Toluene	8.720	92	381570	47.495	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	213856	43.232	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	232065	47.738	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	160789	49.081	ug/l	99
56) Ethyl methacrylate	9.116	69	251349	50.666	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	268186	48.537	ug/l	100
59) 2-Hexanone	9.433	43	885040	243.553	ug/l	93
60) Dibromochloromethane	9.524	129	166170	52.010	ug/l	96
61) 1,2-Dibromoethane	9.610	107	168810	49.061	ug/l	99
64) Tetrachloroethene	9.274	164	138497	45.198	ug/l	96
65) Chlorobenzene	10.079	112	411344	47.785	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	158033	51.825	ug/l	98
67) Ethyl Benzene	10.195	91	740077	47.966	ug/l	98
68) m/p-Xylenes	10.305	106	572791	95.353	ug/l	98
69) o-Xylene	10.646	106	279385	47.239	ug/l	95
70) Styrene	10.658	104	469537	48.888	ug/l	97
71) Bromoform	10.805	173	114581	45.515	ug/l	100
73) Isopropylbenzene	10.963	105	740361	48.578	ug/l	99
74) N-amyl acetate	10.847	43	253817	42.367	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	248377	47.504	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	224996m	47.805	ug/l	
77) Bromobenzene	11.201	156	176440	48.928	ug/l	95
78) n-propylbenzene	11.305	91	850979	48.271	ug/l	100
79) 2-Chlorotoluene	11.366	91	524019	48.497	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	628510	49.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59941	38.923	ug/l #	84
82) 4-Chlorotoluene	11.457	91	605730	48.492	ug/l	98
83) tert-Butylbenzene	11.719	119	632844	51.470	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	634706	49.841	ug/l	98
85) sec-Butylbenzene	11.890	105	755431	49.809	ug/l	99
86) p-Isopropyltoluene	12.012	119	644985	50.680	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	333661	47.173	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	334626	45.611	ug/l	98
89) n-Butylbenzene	12.335	91	537474	48.742	ug/l	99
90) Hexachloroethane	12.542	117	101237	49.190	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	331477	47.705	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62896	56.338	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	201770	50.277	ug/l	97
94) Hexachlorobutadiene	13.725	225	81332	49.886	ug/l	94
95) Naphthalene	13.774	128	764503	53.533	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	205745	51.044	ug/l	95

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

