

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028048.D
 Acq On : 12 Apr 2022 11:33
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 12 12:27:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 12:23:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	177515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	290938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44954	17.128	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	34.260%#		
35) Dibromofluoromethane	5.391	113	36755	19.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.040%#		
50) Toluene-d8	8.653	98	137922	19.705	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	39.420%#		
62) 4-Bromofluorobenzene	11.085	95	47693	16.276	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	32.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36061	15.168	ug/l	98
3) Chloromethane	1.294	50	39992	19.264	ug/l	98
4) Vinyl Chloride	1.374	62	48416	23.217	ug/l	100
5) Bromomethane	1.599	94	41819	32.802	ug/l	96
6) Chloroethane	1.685	64	36043	25.012	ug/l	93
7) Trichlorofluoromethane	1.886	101	90668	25.306	ug/l	96
8) Diethyl Ether	2.136	74	34514	28.051	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	36188	18.068	ug/l	95
10) Methyl Iodide	2.453	142	40946	18.368	ug/l	96
11) Tert butyl alcohol	2.959	59	56431	116.006	ug/l	100
12) 1,1-Dichloroethene	2.319	96	34292	18.125	ug/l	99
13) Acrolein	2.233	56	29951	73.788	ug/l	100
14) Allyl chloride	2.666	41	58674	18.781	ug/l #	87
15) Acrylonitrile	3.062	53	117634	102.931	ug/l	97
16) Acetone	2.380	43	102582	93.558	ug/l	88
17) Carbon Disulfide	2.514	76	94372	19.297	ug/l	98
18) Methyl Acetate	2.703	43	53097	19.144	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	130572	19.812	ug/l	99
20) Methylene Chloride	2.788	84	40468	18.710	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	40992	21.166	ug/l	95
22) Diisopropyl ether	3.763	45	130906	19.844	ug/l #	85
23) Vinyl Acetate	3.721	43	596795	102.767	ug/l	96
24) 1,1-Dichloroethane	3.611	63	73870	19.828	ug/l	99
25) 2-Butanone	4.556	43	176177	100.610	ug/l	91
26) 2,2-Dichloropropane	4.477	77	68158	21.991	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	46484	20.681	ug/l	98
28) Bromochloromethane	4.897	49	28187	17.824	ug/l #	89
29) Tetrahydrofuran	5.001	42	114118	102.201	ug/l	90
30) Chloroform	5.099	83	80443	19.842	ug/l	96
31) Cyclohexane	5.470	56	66406	20.380	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	73039	20.532	ug/l	98
36) 1,1-Dichloropropene	5.702	75	57843	20.186	ug/l	100
37) Ethyl Acetate	4.715	43	67615	19.963	ug/l	95
38) Carbon Tetrachloride	5.678	117	62219	20.153	ug/l	95
39) Methylcyclohexane	7.385	83	68992	20.649	ug/l	98
40) Benzene	6.044	78	170930	21.146	ug/l	98

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41) Methacrylonitrile	4.922	41	35144	19.918	ug/l	90
42) 1,2-Dichloroethane	6.092	62	64834	19.281	ug/l	97
43) Isopropyl Acetate	6.342	43	110955	21.547	ug/l #	91
44) Trichloroethene	7.129	130	44771	20.774	ug/l	92
45) 1,2-Dichloropropane	7.434	63	42612	21.161	ug/l	95
46) Dibromomethane	7.586	93	31876	19.834	ug/l	93
47) Bromodichloromethane	7.824	83	61001	20.565	ug/l	95
48) Methyl methacrylate	7.696	41	49709	19.412	ug/l #	83
49) 1,4-Dioxane	7.659	88	23031	449.256	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	362160	108.114	ug/l	90
52) Toluene	8.720	92	108766	20.752	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	67887	22.564	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69314	21.657	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	46035	22.392	ug/l	97
56) Ethyl methacrylate	9.116	69	71366	22.072	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	76800	21.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	162954	108.250	ug/l	99
59) 2-Hexanone	9.433	43	285266	106.196	ug/l	87
60) Dibromochloromethane	9.525	129	47963	22.448	ug/l	94
61) 1,2-Dibromoethane	9.610	107	48058	21.019	ug/l	99
64) Tetrachloroethene	9.275	164	44769	21.724	ug/l	98
65) Chlorobenzene	10.079	112	123222	21.027	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44590	20.795	ug/l	99
67) Ethyl Benzene	10.195	91	218922	20.453	ug/l	99
68) m/p-Xylenes	10.305	106	174186	42.828	ug/l	99
69) o-Xylene	10.646	106	83734	20.943	ug/l	98
70) Styrene	10.659	104	136831	20.641	ug/l	98
71) Bromoform	10.799	173	34835	21.610	ug/l	99
73) Isopropylbenzene	10.963	105	219388	19.708	ug/l	99
74) N-amyl acetate	10.841	43	94799	19.212	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	75988	20.224	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68436m	19.309	ug/l	
77) Bromobenzene	11.201	156	53090	20.078	ug/l	96
78) n-propylbenzene	11.305	91	252441	19.027	ug/l	100
79) 2-Chlorotoluene	11.366	91	148992	18.364	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	183080	19.170	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23506	22.528	ug/l	87
82) 4-Chlorotoluene	11.457	91	171250	18.031	ug/l	98
83) tert-Butylbenzene	11.719	119	182125	20.406	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	185378	19.360	ug/l	100
85) sec-Butylbenzene	11.890	105	228850	20.265	ug/l	99
86) p-Isopropyltoluene	12.012	119	192289	20.319	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99581	20.093	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	102988	20.091	ug/l	99
89) n-Butylbenzene	12.335	91	166140	19.595	ug/l	96
90) Hexachloroethane	12.542	117	32676	22.301	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	100954	20.907	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17072	18.261	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	59385	20.265	ug/l	97
94) Hexachlorobutadiene	13.725	225	23181	17.330	ug/l	95
95) Naphthalene	13.774	128	209631	20.745	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58989	20.523	ug/l	94

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

