

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028008.D
 Acq On : 07 Apr 2022 13:45
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 07 15:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:23:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	78990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98302	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	20777	19.885	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.760%#		
35) Dibromofluoromethane	5.385	113	16794	19.382	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.760%#		
50) Toluene-d8	8.653	98	55289	17.562	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	35.120%#		
62) 4-Bromofluorobenzene	11.085	95	22557	18.073	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	36.140%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20801	22.566	ug/l	98
3) Chloromethane	1.288	50	16329	20.872	ug/l	99
4) Vinyl Chloride	1.374	62	17993	21.636	ug/l	100
5) Bromomethane	1.599	94	8127	23.868	ug/l	96
6) Chloroethane	1.678	64	10971	21.894	ug/l	97
7) Trichlorofluoromethane	1.886	101	29429	22.256	ug/l	98
8) Diethyl Ether	2.130	74	9455	21.263	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	17568	22.007	ug/l	97
10) Methyl Iodide	2.453	142	18869	19.566	ug/l	91
11) Tert butyl alcohol	2.965	59	19978	107.093	ug/l	98
12) 1,1-Dichloroethene	2.319	96	16256	21.515	ug/l	94
13) Acrolein	2.233	56	18193	105.557	ug/l	95
14) Allyl chloride	2.666	41	27903	23.561	ug/l #	84
15) Acrylonitrile	3.062	53	49684	111.781	ug/l	98
16) Acetone	2.380	43	45759	118.406	ug/l	90
17) Carbon Disulfide	2.514	76	37169	18.441	ug/l	99
18) Methyl Acetate	2.703	43	25024	25.127	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	55314	21.902	ug/l	96
20) Methylene Chloride	2.788	84	16787	19.998	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	15467	18.525	ug/l #	84
22) Diisopropyl ether	3.763	45	56068	23.845	ug/l #	84
23) Vinyl Acetate	3.721	43	250756	122.547	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	31897	22.597	ug/l	97
25) 2-Butanone	4.556	43	75391	120.268	ug/l	90
26) 2,2-Dichloropropane	4.477	77	24449	22.189	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	18417	19.191	ug/l	88
28) Bromochloromethane	4.903	49	13735	24.376	ug/l #	80
29) Tetrahydrofuran	5.007	42	47184	117.107	ug/l #	84
30) Chloroform	5.092	83	34127	21.985	ug/l	93
31) Cyclohexane	5.470	56	28336	21.483	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	30323	21.769	ug/l	97
36) 1,1-Dichloropropene	5.696	75	23596	20.566	ug/l	97
37) Ethyl Acetate	4.715	43	29119	24.481	ug/l	95
38) Carbon Tetrachloride	5.678	117	25381	19.969	ug/l	94
39) Methylcyclohexane	7.385	83	29151	20.564	ug/l	96
40) Benzene	6.037	78	69637	21.324	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15316	24.338	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	26016	21.242	ug/l	97
43) Isopropyl Acetate	6.342	43	39424	21.318	ug/l	94
44) Trichloroethene	7.129	130	20445	21.190	ug/l	97
45) 1,2-Dichloropropane	7.434	63	17473	21.959	ug/l	95
46) Dibromomethane	7.580	93	13479	20.940	ug/l	92
47) Bromodichloromethane	7.824	83	25027	21.059	ug/l	100
48) Methyl methacrylate	7.696	41	22224	24.863	ug/l #	80
49) 1,4-Dioxane	7.659	88	8768	384.017	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	147609	121.985	ug/l	87
52) Toluene	8.720	92	41371	19.171	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	24502	20.361	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	26638	20.258	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	17015	19.211	ug/l	95
56) Ethyl methacrylate	9.116	69	27475	20.928	ug/l #	68
57) 1,3-Dichloropropane	9.311	76	29666	20.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	58737	91.355	ug/l	93
59) 2-Hexanone	9.433	43	118291	126.262	ug/l	81
60) Dibromochloromethane	9.525	129	16583	17.402	ug/l	99
61) 1,2-Dibromoethane	9.610	107	18397	19.564	ug/l	98
64) Tetrachloroethene	9.275	164	15564	20.198	ug/l	89
65) Chlorobenzene	10.079	112	43731	21.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	15712	20.646	ug/l	99
67) Ethyl Benzene	10.195	91	83763	23.337	ug/l	97
68) m/p-Xylenes	10.305	106	60210	43.087	ug/l	85
69) o-Xylene	10.640	106	29966	22.145	ug/l	85
70) Styrene	10.659	104	49545	21.938	ug/l #	90
71) Bromoform	10.799	173	11485	18.878	ug/l #	99
73) Isopropylbenzene	10.963	105	81142	23.951	ug/l	97
74) N-amyl acetate	10.841	43	36510	29.952	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	27107	24.275	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	26292m	26.181	ug/l	
77) Bromobenzene	11.201	156	18322	20.964	ug/l	81
78) n-propylbenzene	11.305	91	98072	25.316	ug/l	96
79) 2-Chlorotoluene	11.366	91	60641	24.794	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	70818	24.312	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	6809	21.571	ug/l #	66
82) 4-Chlorotoluene	11.457	91	70901	25.441	ug/l	93
83) tert-Butylbenzene	11.713	119	65306	22.443	ug/l	83
84) 1,2,4-Trimethylbenzene	11.750	105	70617	23.976	ug/l	94
85) sec-Butylbenzene	11.890	105	83410	23.379	ug/l	96
86) p-Isopropyltoluene	12.012	119	67769	22.441	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	34880	21.288	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	35183	21.307	ug/l	95
89) n-Butylbenzene	12.335	91	62730	24.372	ug/l	95
90) Hexachloroethane	12.542	117	9647	20.170	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	34138	21.400	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7043	26.611	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	20257	19.870	ug/l	97
94) Hexachlorobutadiene	13.725	225	8971	18.373	ug/l	93
95) Naphthalene	13.780	128	73450	21.937	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20322	20.355	ug/l	95

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

