

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031827.D
 Acq On : 03 Oct 2022 10:59
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 04 06:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:27:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32205	17.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	34.000%#		
35) Dibromofluoromethane	5.385	113	29373	15.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	31.140%#		
50) Toluene-d8	8.647	98	111315	16.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	33.500%#		
62) 4-Bromofluorobenzene	11.079	95	39959	16.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24931	19.969	ug/l	95
3) Chloromethane	1.288	50	24914	18.657	ug/l	99
4) Vinyl Chloride	1.374	62	31784	19.056	ug/l	100
5) Bromomethane	1.611	94	23708	17.130	ug/l	97
6) Chloroethane	1.691	64	26878	15.524	ug/l	98
7) Trichlorofluoromethane	1.886	101	62478	18.542	ug/l	99
8) Diethyl Ether	2.136	74	20077	17.388	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	26272	17.953	ug/l #	88
10) Methyl Iodide	2.453	142	27141	17.259	ug/l	100
11) Tert butyl alcohol	3.014	59	22869m	90.292	ug/l	
12) 1,1-Dichloroethene	2.318	96	24624	17.781	ug/l	84
13) Acrolein	2.239	56	12735	81.404	ug/l	99
14) Allyl chloride	2.666	41	30526	17.084	ug/l #	91
15) Acrylonitrile	3.068	53	56973	85.121	ug/l	99
16) Acetone	2.392	43	44631	85.842	ug/l	92
17) Carbon Disulfide	2.514	76	66343	17.518	ug/l	99
18) Methyl Acetate	2.709	43	29552	17.131	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	80804	17.260	ug/l	97
20) Methylene Chloride	2.788	84	27417	17.179	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	28338	17.184	ug/l	85
22) Diisopropyl ether	3.763	45	68136	17.797	ug/l #	94
23) Vinyl Acetate	3.721	43	260687	89.723	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	44552	17.408	ug/l	95
25) 2-Butanone	4.562	43	73549	87.589	ug/l	93
26) 2,2-Dichloropropane	4.471	77	37565	17.316	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	33500	17.340	ug/l	83
28) Bromochloromethane	4.897	49	17479	16.452	ug/l #	60
29) Tetrahydrofuran	5.013	42	47242	90.704	ug/l #	82
30) Chloroform	5.092	83	54484	17.704	ug/l	99
31) Cyclohexane	5.470	56	38912	18.931	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	50592	17.685	ug/l	96
36) 1,1-Dichloropropene	5.696	75	38860	17.989	ug/l	95
37) Ethyl Acetate	4.714	43	28906	17.061	ug/l	94
38) Carbon Tetrachloride	5.684	117	47673	17.767	ug/l	98
39) Methylcyclohexane	7.385	83	46918	18.442	ug/l	87
40) Benzene	6.037	78	113466	17.718	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16023	17.395	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	39653	17.597	ug/l	95
43) Isopropyl Acetate	6.342	43	47146	17.057	ug/l #	93
44) Trichloroethene	7.129	130	35172	17.073	ug/l	85
45) 1,2-Dichloropropane	7.433	63	26074	17.295	ug/l	95
46) Dibromomethane	7.580	93	21872	17.149	ug/l #	88
47) Bromodichloromethane	7.824	83	43754	17.307	ug/l	99
48) Methyl methacrylate	7.696	41	21137	17.080	ug/l #	82
49) 1,4-Dioxane	7.708	88	14200	358.699	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	155093	90.001	ug/l	91
52) Toluene	8.720	92	80398	17.954	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42008	17.285	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	46089	17.333	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	32538	17.887	ug/l	95
56) Ethyl methacrylate	9.116	69	38736	18.125	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	50527	18.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	98570	90.083	ug/l #	85
59) 2-Hexanone	9.433	43	113459	90.518	ug/l	88
60) Dibromochloromethane	9.518	129	39006	17.480	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35912	17.749	ug/l	100
64) Tetrachloroethene	9.275	164	36217	17.119	ug/l	97
65) Chlorobenzene	10.079	112	89831	17.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	35055	17.387	ug/l	98
67) Ethyl Benzene	10.195	91	151693	18.018	ug/l	96
68) m/p-Xylenes	10.305	106	126922	36.374	ug/l	93
69) o-Xylene	10.640	106	61322	18.131	ug/l	91
70) Styrene	10.652	104	100273	18.075	ug/l	95
71) Bromoform	10.799	173	29034	16.738	ug/l #	99
73) Isopropylbenzene	10.963	105	157833	17.644	ug/l	99
74) N-amyl acetate	10.841	43	37155	16.900	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	44205	16.952	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	40259m	18.192	ug/l	
77) Bromobenzene	11.201	156	41272	16.877	ug/l	87
78) n-propylbenzene	11.305	91	175658	18.037	ug/l	96
79) 2-Chlorotoluene	11.366	91	105448	17.711	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	136568	18.204	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12032	16.432	ug/l	96
82) 4-Chlorotoluene	11.457	91	123819	17.993	ug/l	96
83) tert-Butylbenzene	11.713	119	137869	18.289	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	136752	18.231	ug/l	97
85) sec-Butylbenzene	11.890	105	165779	18.583	ug/l	99
86) p-Isopropyltoluene	12.012	119	146631	18.674	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	78289	17.212	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	81274	17.154	ug/l	98
89) n-Butylbenzene	12.335	91	112672	18.330	ug/l	98
90) Hexachloroethane	12.542	117	25280	17.748	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	78359	17.217	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10225	18.563	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	47606	17.214	ug/l	98
94) Hexachlorobutadiene	13.725	225	18983	17.369	ug/l	97
95) Naphthalene	13.774	128	158322	18.064	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47449	17.611	ug/l	98

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

