

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100323\
 Data File : VX038043.D
 Acq On : 03 Oct 2023 16:56
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 04 08:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 08:39:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2023
 Supervised By : Semsettin Yesilyurt 10/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43791	20.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.160%#		
35) Dibromofluoromethane	5.385	113	32895	20.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.140%#		
50) Toluene-d8	8.647	98	125389	20.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.980%#		
62) 4-Bromofluorobenzene	11.079	95	43744	19.638	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25872	18.987	ug/l	99
3) Chloromethane	1.301	50	30324	16.904	ug/l	99
4) Vinyl Chloride	1.374	62	29501	18.221	ug/l	98
5) Bromomethane	1.593	94	45553	21.398	ug/l	99
6) Chloroethane	1.660	64	18940	15.583	ug/l	97
7) Trichlorofluoromethane	1.868	101	70430	22.054	ug/l	98
8) Diethyl Ether	2.136	74	25323	21.683	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	28147	20.243	ug/l	96
10) Methyl Iodide	2.447	142	29804	20.782	ug/l	94
11) Tert butyl alcohol	3.002	59	44132m	92.337	ug/l	
12) 1,1-Dichloroethene	2.307	96	26398	20.388	ug/l	90
13) Acrolein	2.239	56	30985	113.328	ug/l	98
14) Allyl chloride	2.660	41	47492	20.697	ug/l	95
15) Acrylonitrile	3.069	53	102073	102.753	ug/l	98
16) Acetone	2.392	43	96647	103.429	ug/l	90
17) Carbon Disulfide	2.502	76	69250	18.910	ug/l	99
18) Methyl Acetate	2.709	43	85357	21.248	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	105363	21.071	ug/l	99
20) Methylene Chloride	2.782	84	34146	19.845	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	32732	21.041	ug/l	92
22) Diisopropyl ether	3.764	45	101299	21.126	ug/l	91
23) Vinyl Acetate	3.721	43	370888	107.514	ug/l	98
24) 1,1-Dichloroethane	3.605	63	59374	20.400	ug/l	99
25) 2-Butanone	4.568	43	154061	104.574	ug/l	97
26) 2,2-Dichloropropane	4.471	77	48406	21.176	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	38449	21.198	ug/l	94
28) Bromochloromethane	4.904	49	28004	20.450	ug/l	94
29) Tetrahydrofuran	5.013	42	98269	103.426	ug/l	90
30) Chloroform	5.099	83	66226	20.889	ug/l	99
31) Cyclohexane	5.465	56	50909	20.461	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	55066	20.881	ug/l	99
36) 1,1-Dichloropropene	5.690	75	47538	20.170	ug/l	99
37) Ethyl Acetate	4.721	43	58468	22.088	ug/l	99
38) Carbon Tetrachloride	5.672	117	45682	19.918	ug/l	96
39) Methylcyclohexane	7.379	83	58772	21.098	ug/l	96
40) Benzene	6.038	78	137996	20.755	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28137	21.230	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	54525	20.912	ug/l	100
43) Isopropyl Acetate	6.348	43	86253	21.032	ug/l	99
44) Trichloroethene	7.129	130	35961	20.042	ug/l	96
45) 1,2-Dichloropropane	7.434	63	35543	20.999	ug/l	99
46) Dibromomethane	7.580	93	26584	20.281	ug/l	97
47) Bromodichloromethane	7.824	83	46183	20.238	ug/l	97
48) Methyl methacrylate	7.696	41	39813	20.192	ug/l	87
49) 1,4-Dioxane	7.665	88	18650	421.955	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	296412	104.032	ug/l	99
52) Toluene	8.720	92	87543	20.343	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	49388	20.546	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	53638	20.970	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	36171	20.699	ug/l	95
56) Ethyl methacrylate	9.116	69	54654	20.809	ug/l	94
57) 1,3-Dichloropropane	9.311	76	60030	20.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	142193	105.929	ug/l	98
59) 2-Hexanone	9.433	43	239845	105.228	ug/l	98
60) Dibromochloromethane	9.525	129	33368	19.842	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38669	20.410	ug/l	99
64) Tetrachloroethene	9.275	164	29659	20.725	ug/l	94
65) Chlorobenzene	10.080	112	92119	20.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31586	20.980	ug/l	98
67) Ethyl Benzene	10.195	91	169783	20.905	ug/l	99
68) m/p-Xylenes	10.305	106	130598	41.988	ug/l	98
69) o-Xylene	10.640	106	61680	20.882	ug/l	98
70) Styrene	10.659	104	102803	21.072	ug/l	97
71) Bromoform	10.805	173	23072	20.159	ug/l #	99
73) Isopropylbenzene	10.964	105	164315	21.068	ug/l	98
74) N-amyl acetate	10.842	43	76147	21.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	61048	20.912	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	55904m	19.843	ug/l	
77) Bromobenzene	11.201	156	38824	20.304	ug/l	93
78) n-propylbenzene	11.305	91	201857	21.063	ug/l	98
79) 2-Chlorotoluene	11.366	91	113707	20.433	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	140873	21.222	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	15872	20.135	ug/l	98
82) 4-Chlorotoluene	11.457	91	137334	20.476	ug/l	99
83) tert-Butylbenzene	11.713	119	140365	21.271	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	140135	20.932	ug/l	99
85) sec-Butylbenzene	11.890	105	181117	21.163	ug/l	99
86) p-Isopropyltoluene	12.012	119	148525	21.192	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75868	19.787	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	80677	20.472	ug/l	99
89) n-Butylbenzene	12.335	91	147007	21.017	ug/l	95
90) Hexachloroethane	12.536	117	22954	20.095	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	75626	20.726	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14627	22.017	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	49966	19.741	ug/l	98
94) Hexachlorobutadiene	13.725	225	21309	19.730	ug/l	98
95) Naphthalene	13.774	128	178677	20.942	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48713	19.901	ug/l	95

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

