

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036156.D
 Acq On : 14 Jun 2023 15:13
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 15 01:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74818	19.297	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.600%#		
35) Dibromofluoromethane	5.379	113	52331	19.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.640%#		
50) Toluene-d8	8.647	98	186859	19.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.280%#		
62) 4-Bromofluorobenzene	11.079	95	70304	19.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36167	16.518	ug/l	98
3) Chloromethane	1.294	50	44218	18.748	ug/l	98
4) Vinyl Chloride	1.374	62	40198	18.098	ug/l	96
5) Bromomethane	1.618	94	26215	18.328	ug/l	94
6) Chloroethane	1.691	64	26107	18.636	ug/l	97
7) Trichlorofluoromethane	1.886	101	56367	17.760	ug/l	96
8) Diethyl Ether	2.136	74	24527	18.545	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	33593	17.418	ug/l	99
10) Methyl Iodide	2.453	142	39406	18.308	ug/l	98
11) Tert butyl alcohol	3.026	59	52966	94.746	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32898	17.158	ug/l	95
13) Acrolein	2.246	56	55295	85.080	ug/l	98
14) Allyl chloride	2.666	41	71371	18.297	ug/l	98
15) Acrylonitrile	3.075	53	125924	94.557	ug/l	99
16) Acetone	2.404	43	128993	98.957	ug/l	99
17) Carbon Disulfide	2.514	76	80540	16.506	ug/l	99
18) Methyl Acetate	2.709	43	99556	18.169	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	141922	18.657	ug/l	97
20) Methylene Chloride	2.788	84	44158	18.299	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	39078	17.870	ug/l	96
22) Diisopropyl ether	3.757	45	148187	19.304	ug/l	99
23) Vinyl Acetate	3.721	43	533942	95.147	ug/l	100
24) 1,1-Dichloroethane	3.611	63	80380	18.979	ug/l	99
25) 2-Butanone	4.574	43	181621	95.369	ug/l	100
26) 2,2-Dichloropropane	4.477	77	59040	17.419	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	46371	18.378	ug/l	99
28) Bromochloromethane	4.904	49	39345	17.949	ug/l	99
29) Tetrahydrofuran	5.019	42	116962	95.473	ug/l	99
30) Chloroform	5.093	83	81935	18.476	ug/l	96
31) Cyclohexane	5.471	56	56656	16.737	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	67599	18.034	ug/l	99
36) 1,1-Dichloropropene	5.690	75	54630	17.440	ug/l	99
37) Ethyl Acetate	4.721	43	70021	18.201	ug/l	99
38) Carbon Tetrachloride	5.678	117	52885	17.488	ug/l	100
39) Methylcyclohexane	7.379	83	53442	16.063	ug/l	97
40) Benzene	6.038	78	169031	18.803	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40188	18.734	ug/l	99
42) 1,2-Dichloroethane	6.092	62	73786	19.027	ug/l	99
43) Isopropyl Acetate	6.342	43	110164	18.464	ug/l	99
44) Trichloroethene	7.129	130	41879	18.158	ug/l	99
45) 1,2-Dichloropropane	7.428	63	44577	18.942	ug/l	99
46) Dibromomethane	7.580	93	31617	18.398	ug/l	99
47) Bromodichloromethane	7.824	83	58715	18.320	ug/l	93
48) Methyl methacrylate	7.696	41	54737	18.428	ug/l	98
49) 1,4-Dioxane	7.732	88	23082	397.189	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	360361	100.186	ug/l	99
52) Toluene	8.720	92	105488	18.662	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	61149	18.046	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	68449	18.609	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	43810	18.470	ug/l	92
56) Ethyl methacrylate	9.116	69	69440	18.942	ug/l	98
57) 1,3-Dichloropropane	9.305	76	79131	19.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	192024	99.211	ug/l	99
59) 2-Hexanone	9.433	43	267808	100.365	ug/l	100
60) Dibromochloromethane	9.519	129	41200	18.249	ug/l	100
61) 1,2-Dibromoethane	9.610	107	47531	19.109	ug/l	99
64) Tetrachloroethene	9.275	164	32462	17.545	ug/l	97
65) Chlorobenzene	10.079	112	114462	18.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40137	18.513	ug/l	99
67) Ethyl Benzene	10.195	91	201964	18.554	ug/l	98
68) m/p-Xylenes	10.299	106	156439	37.683	ug/l	99
69) o-Xylene	10.640	106	76972	18.784	ug/l	97
70) Styrene	10.653	104	127670	18.987	ug/l	99
71) Bromoform	10.799	173	26126	16.397	ug/l #	99
73) Isopropylbenzene	10.963	105	190007	18.020	ug/l	100
74) N-amyl acetate	10.842	43	93615	19.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	69142	19.194	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68652m	19.782	ug/l	
77) Bromobenzene	11.195	156	45692	18.464	ug/l	96
78) n-propylbenzene	11.305	91	222410	18.120	ug/l	100
79) 2-Chlorotoluene	11.366	91	144146	18.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	167687	18.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16848	17.174	ug/l	86
82) 4-Chlorotoluene	11.451	91	164657	18.591	ug/l	99
83) tert-Butylbenzene	11.713	119	152474	18.070	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	170231	19.044	ug/l	97
85) sec-Butylbenzene	11.890	105	183013	17.836	ug/l	100
86) p-Isopropyltoluene	12.006	119	157649	18.151	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	86831	18.392	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	89091	18.289	ug/l	98
89) n-Butylbenzene	12.329	91	128080	17.161	ug/l	99
90) Hexachloroethane	12.536	117	22851	16.808	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	86691	18.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15340	18.601	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	45595	17.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	16225	16.009	ug/l	99
95) Naphthalene	13.774	128	170930	18.430	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	45677	17.509	ug/l	98

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

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