

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037068.D
 Acq On : 17 Aug 2023 19:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081723

Quant Time: Aug 18 06:09:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	165983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	281755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119790	50.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	97080	52.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.646	98	352592	52.092	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.079	95	135782	51.046	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108825	56.442	ug/l	98
3) Chloromethane	1.294	50	84555	50.128	ug/l	99
4) Vinyl Chloride	1.373	62	96184	52.386	ug/l	99
5) Bromomethane	1.599	94	42874	46.879	ug/l	96
6) Chloroethane	1.678	64	51788	47.932	ug/l	97
7) Trichlorofluoromethane	1.879	101	163779	54.454	ug/l	100
8) Diethyl Ether	2.135	74	59494	51.129	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.324	101	91153	51.951	ug/l	98
10) Methyl Iodide	2.452	142	109369	51.287	ug/l	96
11) Tert butyl alcohol	2.971	59	130908	233.211	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	87850	51.415	ug/l	86
13) Acrolein	2.239	56	95008	222.487	ug/l	97
14) Allyl chloride	2.660	41	135415	51.203	ug/l #	93
15) Acrylonitrile	3.068	53	251523	251.046	ug/l	98
16) Acetone	2.385	43	216132	230.875	ug/l	91
17) Carbon Disulfide	2.507	76	216944	49.917	ug/l	99
18) Methyl Acetate	2.702	43	175820	49.881	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	327384	50.521	ug/l	97
20) Methylene Chloride	2.788	84	97155	46.408	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	99007	50.974	ug/l	89
22) Diisopropyl ether	3.763	45	273841	50.460	ug/l #	84
23) Vinyl Acetate	3.721	43	1068665	256.970	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	173573	51.003	ug/l	97
25) 2-Butanone	4.556	43	346712	245.974	ug/l #	88
26) 2,2-Dichloropropane	4.476	77	152590	50.206	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	115835	50.587	ug/l	89
28) Bromochloromethane	4.897	49	68833	45.277	ug/l #	78
29) Tetrahydrofuran	5.007	42	222546	247.573	ug/l #	84
30) Chloroform	5.092	83	191387	50.098	ug/l	97
31) Cyclohexane	5.470	56	141662	52.650	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	178197	52.052	ug/l	97
36) 1,1-Dichloropropene	5.696	75	136908	51.642	ug/l	97
37) Ethyl Acetate	4.714	43	137088	50.622	ug/l #	94
38) Carbon Tetrachloride	5.678	117	153204	53.200	ug/l	99
39) Methylcyclohexane	7.378	83	149293	53.600	ug/l	90
40) Benzene	6.037	78	392429	51.613	ug/l	97

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41) Methacrylonitrile	4.922	41	71487	50.779	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	152667	51.202	ug/l	96
43) Isopropyl Acetate	6.342	43	222593	51.773	ug/l #	93
44) Trichloroethene	7.122	130	110505	51.256	ug/l	99
45) 1,2-Dichloropropane	7.433	63	96347	51.392	ug/l	97
46) Dibromomethane	7.580	93	76101	51.528	ug/l	95
47) Bromodichloromethane	7.823	83	149228	52.753	ug/l	97
48) Methyl methacrylate	7.695	41	107333	51.190	ug/l #	87
49) 1,4-Dioxane	7.659	88	54358	962.620	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	661320	253.309	ug/l	91
52) Toluene	8.720	92	258149	51.387	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	161591	53.649	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	169397	52.044	ug/l #	89
55) 1,1,2-Trichloroethane	9.152	97	104845	51.254	ug/l	98
56) Ethyl methacrylate	9.116	69	166155	51.856	ug/l	88
57) 1,3-Dichloropropane	9.311	76	175222	50.812	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	390767	254.132	ug/l	92
59) 2-Hexanone	9.433	43	508817	255.608	ug/l	90
60) Dibromochloromethane	9.524	129	116458	53.471	ug/l	100
61) 1,2-Dibromoethane	9.610	107	115870	51.735	ug/l	100
64) Tetrachloroethene	9.274	164	96011	51.574	ug/l	99
65) Chlorobenzene	10.079	112	272315	50.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	105701	53.100	ug/l	99
67) Ethyl Benzene	10.195	91	493020	51.949	ug/l	99
68) m/p-Xylenes	10.299	106	377562	103.019	ug/l	99
69) o-Xylene	10.640	106	186979	51.710	ug/l	99
70) Styrene	10.652	104	311392	52.279	ug/l	98
71) Bromoform	10.799	173	83084	55.798	ug/l #	100
73) Isopropylbenzene	10.963	105	484029	52.447	ug/l	99
74) N-amyl acetate	10.841	43	186220	51.929	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	156271	50.279	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	131690m	48.700	ug/l	
77) Bromobenzene	11.195	156	116113	51.515	ug/l	93
78) n-propylbenzene	11.305	91	541074	52.651	ug/l	99
79) 2-Chlorotoluene	11.366	91	337762	51.432	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	403460	52.407	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	50439	52.098	ug/l	87
82) 4-Chlorotoluene	11.457	91	389779	51.417	ug/l	98
83) tert-Butylbenzene	11.713	119	386808	52.684	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	408584	52.513	ug/l	98
85) sec-Butylbenzene	11.890	105	464903	54.211	ug/l	99
86) p-Isopropyltoluene	12.012	119	396133	53.658	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	215134	50.981	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	218212	50.904	ug/l	99
89) n-Butylbenzene	12.329	91	328317	53.640	ug/l	99
90) Hexachloroethane	12.536	117	67717	54.956	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	214957	52.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	38853	53.799	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	125551	51.927	ug/l	97
94) Hexachlorobutadiene	13.725	225	48487	51.910	ug/l	99
95) Naphthalene	13.774	128	484838	45.778	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	125389	52.199	ug/l	99

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

