

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035893.D
 Acq On : 26 May 2023 19:00
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052623

Quant Time: May 29 07:47:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	204295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	363360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170995	47.100	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.385	113	120843	48.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.840%		
50) Toluene-d8	8.647	98	443006	48.363	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	177471	49.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	134152	49.378	ug/l	98
3) Chloromethane	1.294	50	137031	48.917	ug/l	100
4) Vinyl Chloride	1.373	62	131280	48.787	ug/l	96
5) Bromomethane	1.611	94	76518	47.451	ug/l	99
6) Chloroethane	1.691	64	76809	51.086	ug/l	99
7) Trichlorofluoromethane	1.886	101	201331	49.858	ug/l	95
8) Diethyl Ether	2.129	74	74628	50.326	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	116992	48.880	ug/l	98
10) Methyl Iodide	2.453	142	125862	51.838	ug/l	99
11) Tert butyl alcohol	2.995	59	162640	257.255	ug/l #	95
12) 1,1-Dichloroethene	2.318	96	109437	48.783	ug/l	99
13) Acrolein	2.239	56	144378	230.290	ug/l	100
14) Allyl chloride	2.666	41	223247	50.372	ug/l	99
15) Acrylonitrile	3.068	53	357298	247.071	ug/l	98
16) Acetone	2.392	43	351325	239.702	ug/l	99
17) Carbon Disulfide	2.514	76	270892	52.133	ug/l	98
18) Methyl Acetate	2.703	43	278762	49.258	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	429829	49.695	ug/l	100
20) Methylene Chloride	2.788	84	132667	49.621	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	120736	48.821	ug/l	98
22) Diisopropyl ether	3.757	45	442537	49.726	ug/l	98
23) Vinyl Acetate	3.721	43	1620147	261.336	ug/l	100
24) 1,1-Dichloroethane	3.611	63	244663	49.816	ug/l	98
25) 2-Butanone	4.562	43	527983	249.041	ug/l	99
26) 2,2-Dichloropropane	4.477	77	190127	50.201	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	142952	49.693	ug/l	99
28) Bromochloromethane	4.897	49	117325	49.297	ug/l	98
29) Tetrahydrofuran	5.007	42	342531	249.727	ug/l	99
30) Chloroform	5.092	83	248950	49.410	ug/l	96
31) Cyclohexane	5.470	56	209898	48.677	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	221922	50.974	ug/l	100
36) 1,1-Dichloropropene	5.690	75	181057	47.773	ug/l	99
37) Ethyl Acetate	4.714	43	200793	48.942	ug/l	99
38) Carbon Tetrachloride	5.678	117	184438	51.633	ug/l	95
39) Methylcyclohexane	7.379	83	211981	49.019	ug/l	98
40) Benzene	6.037	78	516874	48.691	ug/l	100

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41) Methacrylonitrile	4.916	41	116295	49.795	ug/l	99
42) 1,2-Dichloroethane	6.086	62	222230	49.563	ug/l	99
43) Isopropyl Acetate	6.336	43	336991	51.258	ug/l	99
44) Trichloroethene	7.122	130	128879	48.738	ug/l	97
45) 1,2-Dichloropropane	7.427	63	136725	48.842	ug/l	100
46) Dibromomethane	7.580	93	94520	49.174	ug/l	99
47) Bromodichloromethane	7.824	83	183818	51.307	ug/l	100
48) Methyl methacrylate	7.689	41	166218	49.253	ug/l	98
49) 1,4-Dioxane	7.708	88	70977	985.524	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1013966	247.756	ug/l	99
52) Toluene	8.720	92	325670	48.849	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	202188	54.649	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	216511	53.614	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	132003	49.944	ug/l	98
56) Ethyl methacrylate	9.116	69	214406	51.521	ug/l	99
57) 1,3-Dichloropropane	9.311	76	233740	48.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	520391	236.346	ug/l	100
59) 2-Hexanone	9.433	43	782144	252.848	ug/l	100
60) Dibromochloromethane	9.518	129	130772	54.075	ug/l	98
61) 1,2-Dibromoethane	9.610	107	139628	50.167	ug/l	100
64) Tetrachloroethene	9.275	164	105187	47.466	ug/l	99
65) Chlorobenzene	10.079	112	343179	49.241	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	124909	52.237	ug/l	99
67) Ethyl Benzene	10.195	91	638862	49.405	ug/l	100
68) m/p-Xylenes	10.299	106	481225	100.585	ug/l	99
69) o-Xylene	10.640	106	236378	49.733	ug/l	100
70) Styrene	10.658	104	397445	50.903	ug/l	99
71) Bromoform	10.799	173	84400	54.592	ug/l #	100
73) Isopropylbenzene	10.963	105	620754	48.202	ug/l	99
74) N-amyl acetate	10.841	43	291852	52.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	203664	48.385	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	197408m	49.819	ug/l	
77) Bromobenzene	11.195	156	139983	48.191	ug/l	97
78) n-propylbenzene	11.305	91	738955	49.233	ug/l	99
79) 2-Chlorotoluene	11.366	91	453112	47.619	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	535851	48.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56924	47.776	ug/l	99
82) 4-Chlorotoluene	11.451	91	522488	48.254	ug/l	100
83) tert-Butylbenzene	11.713	119	515576	48.950	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	535693	48.753	ug/l	100
85) sec-Butylbenzene	11.890	105	646322	49.102	ug/l	99
86) p-Isopropyltoluene	12.006	119	544275	49.451	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	269231	48.561	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	271394	47.519	ug/l	99
89) n-Butylbenzene	12.329	91	484761	50.109	ug/l	100
90) Hexachloroethane	12.536	117	84712	53.202	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	266971	48.752	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	47771	54.233	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	159677	49.591	ug/l	99
94) Hexachlorobutadiene	13.725	225	63143	48.908	ug/l	99
95) Naphthalene	13.774	128	571230	51.064	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154935	48.286	ug/l	98

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

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