

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033617.D
 Acq On : 04 Jan 2023 16:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010423

Quant Time: Jan 05 04:50:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	181660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98453	48.009	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.020%		
35) Dibromofluoromethane	5.385	113	83783	47.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.860%		
50) Toluene-d8	8.647	98	306536	49.064	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.120%		
62) 4-Bromofluorobenzene	11.079	95	116010	52.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77443	51.693	ug/l	97
3) Chloromethane	1.307	50	91997	49.895	ug/l	97
4) Vinyl Chloride	1.374	62	85012	51.981	ug/l	99
5) Bromomethane	1.618	94	48861	53.428	ug/l	99
6) Chloroethane	1.691	64	46192	49.017	ug/l	99
7) Trichlorofluoromethane	1.886	101	111144	48.038	ug/l	99
8) Diethyl Ether	2.130	74	37588	51.655	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	57026	49.415	ug/l	99
10) Methyl Iodide	2.453	142	121280	57.453	ug/l	98
11) Tert butyl alcohol	3.002	59	92464m	274.472	ug/l	
12) 1,1-Dichloroethene	2.319	96	53272	49.598	ug/l	97
13) Acrolein	2.239	56	51508	254.178	ug/l	99
14) Allyl chloride	2.666	41	147551	52.063	ug/l	98
15) Acrylonitrile	3.069	53	240563	264.002	ug/l	99
16) Acetone	2.392	43	185577	266.832	ug/l	99
17) Carbon Disulfide	2.514	76	198535	50.701	ug/l	98
18) Methyl Acetate	2.703	43	146440	51.520	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	276148	51.773	ug/l	100
20) Methylene Chloride	2.788	84	86810	50.268	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	84027	50.130	ug/l	98
22) Diisopropyl ether	3.757	45	289029	50.615	ug/l	97
23) Vinyl Acetate	3.721	43	1158305	264.159	ug/l	100
24) 1,1-Dichloroethane	3.611	63	154997	50.168	ug/l	98
25) 2-Butanone	4.562	43	337199	251.833	ug/l	99
26) 2,2-Dichloropropane	4.477	77	116141	54.375	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	98517	50.675	ug/l	100
28) Bromochloromethane	4.898	49	57187	45.566	ug/l	99
29) Tetrahydrofuran	5.013	42	225490	265.516	ug/l	100
30) Chloroform	5.099	83	159165	50.428	ug/l	97
31) Cyclohexane	5.471	56	138282	48.439	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	139322	51.050	ug/l	98
36) 1,1-Dichloropropene	5.696	75	117309	49.545	ug/l	98
37) Ethyl Acetate	4.715	43	134921	51.505	ug/l	100
38) Carbon Tetrachloride	5.678	117	124259	49.590	ug/l	99
39) Methylcyclohexane	7.379	83	144541	48.892	ug/l	98
40) Benzene	6.038	78	342442	49.483	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	77300	53.733	ug/l	98
42) 1,2-Dichloroethane	6.086	62	125935	48.819	ug/l	100
43) Isopropyl Acetate	6.336	43	211695	52.293	ug/l	99
44) Trichloroethene	7.129	130	98280	49.768	ug/l	100
45) 1,2-Dichloropropane	7.428	63	89224	50.050	ug/l	99
46) Dibromomethane	7.580	93	62284	49.904	ug/l	97
47) Bromodichloromethane	7.824	83	122561	50.688	ug/l	97
48) Methyl methacrylate	7.690	41	109133	53.258	ug/l	99
49) 1,4-Dioxane	7.708	88	45142	1035.707	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	669241	261.196	ug/l	98
52) Toluene	8.720	92	223262	49.071	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	131697	49.244	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	142480	53.235	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	91795	51.509	ug/l	98
56) Ethyl methacrylate	9.116	69	144679	54.380	ug/l	99
57) 1,3-Dichloropropane	9.305	76	152957	50.165	ug/l	100
59) 2-Hexanone	9.433	43	504392	266.485	ug/l	100
60) Dibromochloromethane	9.519	129	102147	52.402	ug/l	100
61) 1,2-Dibromoethane	9.610	107	98789	52.409	ug/l	99
64) Tetrachloroethene	9.275	164	85142	47.866	ug/l	99
65) Chlorobenzene	10.080	112	246965	49.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	94890	51.323	ug/l	100
67) Ethyl Benzene	10.195	91	432692	50.117	ug/l	99
68) m/p-Xylenes	10.299	106	339218	100.677	ug/l	99
69) o-Xylene	10.640	106	168032	50.300	ug/l	100
70) Styrene	10.653	104	280809	51.168	ug/l	99
71) Bromoform	10.799	173	81453	55.026	ug/l	98
73) Isopropylbenzene	10.964	105	438560	49.102	ug/l	100
74) N-amyl acetate	10.842	43	188388	52.054	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	136877	49.169	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	112116m	48.389	ug/l	
77) Bromobenzene	11.195	156	117152	49.550	ug/l	99
78) n-propylbenzene	11.305	91	499062	49.286	ug/l	100
79) 2-Chlorotoluene	11.366	91	296593	48.770	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	362092	49.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	41587	54.477	ug/l	98
82) 4-Chlorotoluene	11.451	91	337984	48.068	ug/l	100
83) tert-Butylbenzene	11.713	119	376402	49.062	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	361567	49.002	ug/l	100
85) sec-Butylbenzene	11.890	105	453224	50.002	ug/l	100
86) p-Isopropyltoluene	12.006	119	391881	50.595	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	210840	49.546	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	211361	50.774	ug/l	99
89) n-Butylbenzene	12.329	91	322647	49.813	ug/l	99
90) Hexachloroethane	12.536	117	63376	50.717	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	205345	50.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30149	58.243	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	140492	49.907	ug/l	99
94) Hexachlorobutadiene	13.725	225	65392	52.641	ug/l	99
95) Naphthalene	13.774	128	430585	48.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138463	47.306	ug/l	98

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

