

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036185.D
 Acq On : 16 Jun 2023 16:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061623

Quant Time: Jun 19 01:41:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2023
 Supervised By : Mahesh Dadoda 06/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	183867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	328033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	308465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	155368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	169006	50.298	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.600%			
35) Dibromofluoromethane	5.379	113	113657	51.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.647	98	411714	50.599	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.079	95	176340	53.688	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	123305	54.635	ug/l	98
3) Chloromethane	1.294	50	126585	53.012	ug/l	97
4) Vinyl Chloride	1.374	62	121688	53.494	ug/l	98
5) Bromomethane	1.611	94	69196	49.485	ug/l	97
6) Chloroethane	1.685	64	76723	52.126	ug/l	99
7) Trichlorofluoromethane	1.886	101	194833	52.925	ug/l	100
8) Diethyl Ether	2.130	74	73594	53.709	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	113061	53.854	ug/l	98
10) Methyl Iodide	2.453	142	115923	53.552	ug/l	100
11) Tert butyl alcohol	2.977	59	130859	254.746	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	102679	51.722	ug/l	99
13) Acrolein	2.233	56	143928	252.304	ug/l	98
14) Allyl chloride	2.660	41	217875	54.240	ug/l	99
15) Acrylonitrile	3.062	53	348731	265.383	ug/l	99
16) Acetone	2.386	43	417128	298.804	ug/l	99
17) Carbon Disulfide	2.508	76	264352	53.873	ug/l	99
18) Methyl Acetate	2.703	43	278792	52.657	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	420377	54.092	ug/l	100
20) Methylene Chloride	2.788	84	124823	49.352	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	117052	53.068	ug/l	97
22) Diisopropyl ether	3.751	45	430372	53.841	ug/l	99
23) Vinyl Acetate	3.715	43	1595092	281.560	ug/l	100
24) 1,1-Dichloroethane	3.605	63	231451	52.408	ug/l	99
25) 2-Butanone	4.550	43	538357	275.464	ug/l	100
26) 2,2-Dichloropropane	4.471	77	192847	56.152	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	134754	53.427	ug/l	97
28) Bromochloromethane	4.891	49	114943	49.927	ug/l	99
29) Tetrahydrofuran	5.001	42	327529	263.873	ug/l	99
30) Chloroform	5.086	83	244298	52.524	ug/l	95
31) Cyclohexane	5.464	56	189352	52.531	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	209794	53.202	ug/l	99
36) 1,1-Dichloropropene	5.684	75	170440	52.016	ug/l	99
37) Ethyl Acetate	4.708	43	198929	52.108	ug/l	99
38) Carbon Tetrachloride	5.672	117	174853	54.893	ug/l	98
39) Methylcyclohexane	7.379	83	194806	55.201	ug/l	96
40) Benzene	6.031	78	488990	53.067	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	111066	52.769	ug/l	98
42) 1,2-Dichloroethane	6.086	62	218323	52.593	ug/l	100
43) Isopropyl Acetate	6.336	43	325019	55.631	ug/l	99
44) Trichloroethene	7.117	130	123036	53.433	ug/l	99
45) 1,2-Dichloropropane	7.427	63	128572	52.483	ug/l	97
46) Dibromomethane	7.574	93	96120	55.078	ug/l	96
47) Bromodichloromethane	7.818	83	188212	56.176	ug/l	99
48) Methyl methacrylate	7.690	41	165329	55.156	ug/l	99
49) 1,4-Dioxane	7.696	88	57902	1153.733	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	1014750	275.069	ug/l	99
52) Toluene	8.714	92	310618	53.841	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	205446	59.532	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	217360	58.734	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	128009	53.748	ug/l	92
56) Ethyl methacrylate	9.116	69	210227	58.433	ug/l	96
57) 1,3-Dichloropropane	9.305	76	229010	54.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	519572	262.015	ug/l	100
59) 2-Hexanone	9.427	43	799211	291.405	ug/l	99
60) Dibromochloromethane	9.519	129	134327	57.784	ug/l	99
61) 1,2-Dibromoethane	9.610	107	139087	56.009	ug/l	100
64) Tetrachloroethene	9.269	164	97827	50.973	ug/l	95
65) Chlorobenzene	10.079	112	335208	52.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	123630	56.048	ug/l	99
67) Ethyl Benzene	10.189	91	615988	53.961	ug/l	100
68) m/p-Xylenes	10.299	106	471452	109.464	ug/l	99
69) o-Xylene	10.640	106	230150	54.162	ug/l	96
70) Styrene	10.653	104	390278	55.122	ug/l	98
71) Bromoform	10.799	173	89318	58.817	ug/l #	100
73) Isopropylbenzene	10.963	105	598878	51.947	ug/l	99
74) N-amyl acetate	10.841	43	292075	56.064	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	206500	52.311	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	180807m	49.035	ug/l	
77) Bromobenzene	11.195	156	142408	52.723	ug/l	95
78) n-propylbenzene	11.305	91	725240	53.475	ug/l	99
79) 2-Chlorotoluene	11.360	91	445274	52.199	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	530003	53.990	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	61357	58.244	ug/l	98
82) 4-Chlorotoluene	11.451	91	530451	53.370	ug/l	99
83) tert-Butylbenzene	11.713	119	502466	53.840	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	538307	54.976	ug/l	99
85) sec-Butylbenzene	11.890	105	628893	54.119	ug/l	99
86) p-Isopropyltoluene	12.006	119	541003	55.336	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	275685	53.520	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	275796	52.270	ug/l	97
89) n-Butylbenzene	12.329	91	491364	56.316	ug/l	99
90) Hexachloroethane	12.536	117	87189	56.853	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	269221	53.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47790	54.888	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	158541	55.322	ug/l	99
94) Hexachlorobutadiene	13.725	225	60249	53.181	ug/l	98
95) Naphthalene	13.774	128	556247	56.271	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157013	54.636	ug/l	98

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

