

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062323\
 Data File : VX036291.D
 Acq On : 23 Jun 2023 14:55
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062323

Quant Time: Jun 23 15:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	206605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	344817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	318387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	152875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151389	51.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.240%			
35) Dibromofluoromethane	5.379	113	122845	54.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	8.647	98	461346	54.327	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.660%			
62) 4-Bromofluorobenzene	11.079	95	169484	56.662	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	107508	54.963	ug/l	98
3) Chloromethane	1.295	50	180651	53.240	ug/l	99
4) Vinyl Chloride	1.374	62	194956	52.555	ug/l	100
5) Bromomethane	1.612	94	153067	56.391	ug/l	99
6) Chloroethane	1.685	64	136301	50.050	ug/l	97
7) Trichlorofluoromethane	1.886	101	287688	51.011	ug/l	100
8) Diethyl Ether	2.130	74	113326	52.053	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	126848	53.591	ug/l	97
10) Methyl Iodide	2.453	142	146417	51.051	ug/l	93
11) Tert butyl alcohol	2.977	59	117439	217.849	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	118475	50.458	ug/l	90
13) Acrolein	2.233	56	173141	233.861	ug/l	99
14) Allyl chloride	2.660	41	198397	51.993	ug/l	98
15) Acrylonitrile	3.063	53	345783	253.057	ug/l	99
16) Acetone	2.386	43	339849	268.476	ug/l	93
17) Carbon Disulfide	2.514	76	291046	50.471	ug/l	99
18) Methyl Acetate	2.697	43	262623	50.451	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	392186	51.684	ug/l	99
20) Methylene Chloride	2.788	84	129800	47.624	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	124958	49.872	ug/l	95
22) Diisopropyl ether	3.751	45	401484	52.509	ug/l	96
23) Vinyl Acetate	3.715	43	1476920	266.170	ug/l	99
24) 1,1-Dichloroethane	3.605	63	229957	51.032	ug/l	99
25) 2-Butanone	4.550	43	484294	266.276	ug/l	97
26) 2,2-Dichloropropane	4.465	77	178258	55.777	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	141745	50.444	ug/l	95
28) Bromochloromethane	4.891	49	116156	49.703	ug/l	92
29) Tetrahydrofuran	4.995	42	298797	258.041	ug/l	96
30) Chloroform	5.087	83	233301	51.404	ug/l	93
31) Cyclohexane	5.471	56	195025	51.388	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	198899	52.464	ug/l	99
36) 1,1-Dichloropropene	5.684	75	178174	52.572	ug/l	99
37) Ethyl Acetate	4.702	43	181034	52.409	ug/l	99
38) Carbon Tetrachloride	5.672	117	173310	55.990	ug/l	98
39) Methylcyclohexane	7.379	83	223394	55.032	ug/l	95
40) Benzene	6.032	78	500953	52.913	ug/l	100

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41) Methacrylonitrile	4.910	41	98698	51.506	ug/l	93
42) 1,2-Dichloroethane	6.080	62	189014	52.489	ug/l	98
43) Isopropyl Acetate	6.330	43	293292	53.225	ug/l	98
44) Trichloroethene	7.123	130	136370	51.786	ug/l	98
45) 1,2-Dichloropropane	7.428	63	137380	53.279	ug/l	99
46) Dibromomethane	7.574	93	95881	52.826	ug/l	95
47) Bromodichloromethane	7.818	83	181047	55.159	ug/l	100
48) Methyl methacrylate	7.690	41	149867	54.546	ug/l	93
49) 1,4-Dioxane	7.684	88	55645	913.574	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	952506	268.296	ug/l	97
52) Toluene	8.714	92	317082	52.848	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	189475	57.147	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	216887	57.867	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	131191	52.612	ug/l	92
56) Ethyl methacrylate	9.116	69	205476	55.092	ug/l	95
57) 1,3-Dichloropropane	9.305	76	225367	52.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	609542	290.804	ug/l	98
59) 2-Hexanone	9.427	43	722220	278.576	ug/l	96
60) Dibromochloromethane	9.519	129	135695	56.009	ug/l	98
61) 1,2-Dibromoethane	9.610	107	139911	52.871	ug/l	99
64) Tetrachloroethene	9.269	164	118982	52.926	ug/l	97
65) Chlorobenzene	10.080	112	351803	52.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	125684	55.556	ug/l	99
67) Ethyl Benzene	10.189	91	636760	53.515	ug/l	99
68) m/p-Xylenes	10.299	106	492588	106.555	ug/l	97
69) o-Xylene	10.640	106	239599	53.671	ug/l	96
70) Styrene	10.653	104	392874	53.749	ug/l	97
71) Bromoform	10.799	173	92734	57.150	ug/l #	99
73) Isopropylbenzene	10.964	105	615390	53.416	ug/l	98
74) N-amyl acetate	10.842	43	257024	56.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	202608	51.932	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	168702m	51.735	ug/l	
77) Bromobenzene	11.195	156	149670	52.834	ug/l	93
78) n-propylbenzene	11.305	91	736021	54.703	ug/l	99
79) 2-Chlorotoluene	11.366	91	420025	52.478	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	526186	53.931	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57778	57.758	ug/l	95
82) 4-Chlorotoluene	11.451	91	498321	53.478	ug/l	97
83) tert-Butylbenzene	11.713	119	503127	53.808	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	519016	53.770	ug/l	97
85) sec-Butylbenzene	11.890	105	645872	54.524	ug/l	99
86) p-Isopropyltoluene	12.006	119	547485	55.072	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	274850	52.771	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	277242	52.276	ug/l	98
89) n-Butylbenzene	12.329	91	500406	56.560	ug/l	98
90) Hexachloroethane	12.536	117	83319	55.336	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	269171	52.486	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39973	53.942	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	166240	52.626	ug/l	97
94) Hexachlorobutadiene	13.725	225	68357	52.837	ug/l	98
95) Naphthalene	13.774	128	549553	52.660	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	162130	52.617	ug/l	96

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

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