

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039685.D
 Acq On : 09 Jan 2024 17:37
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 10 07:20:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2024
 Supervised By : Mahesh Dadoda 01/10/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84021	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	273616	152.976	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 305.960%#			
35) Dibromofluoromethane	5.385	113	200032	154.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 308.120%#			
50) Toluene-d8	8.647	98	733081	149.042	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 298.080%#			
62) 4-Bromofluorobenzene	11.079	95	294057	159.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 319.300%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	222313	154.524	ug/l	99
3) Chloromethane	1.294	50	234801	146.258	ug/l	98
4) Vinyl Chloride	1.374	62	239284	157.197	ug/l	100
5) Bromomethane	1.599	94	110034	150.882	ug/l	100
6) Chloroethane	1.666	64	89124	122.130	ug/l	99
7) Trichlorofluoromethane	1.868	101	332284	148.493	ug/l	99
8) Diethyl Ether	2.136	74	119586	147.297	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	200362	150.726	ug/l	98
10) Methyl Iodide	2.447	142	243285	162.432	ug/l	94
11) Tert butyl alcohol	3.032	59	347336	737.745	ug/l	# 93
12) 1,1-Dichloroethene	2.313	96	194943	147.992	ug/l	93
13) Acrolein	2.239	56	219504	686.833	ug/l	100
14) Allyl chloride	2.660	41	390290	151.750	ug/l	98
15) Acrylonitrile	3.069	53	701376	726.765	ug/l	99
16) Acetone	2.392	43	721482	747.469	ug/l	93
17) Carbon Disulfide	2.502	76	563050	148.175	ug/l	100
18) Methyl Acetate	2.703	43	314894	148.215	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	699800	151.106	ug/l	97
20) Methylene Chloride	2.788	84	224087	139.802	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	203117	148.018	ug/l	97
22) Diisopropyl ether	3.764	45	731222	149.606	ug/l	95
23) Vinyl Acetate	3.727	43	3505044	773.976	ug/l	100
24) 1,1-Dichloroethane	3.605	63	407704	150.978	ug/l	100
25) 2-Butanone	4.562	43	1065038	754.797	ug/l	99
26) 2,2-Dichloropropane	4.471	77	345818	162.341	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	237228	150.334	ug/l	98
28) Bromochloromethane	4.897	49	183796	148.604	ug/l	94
29) Tetrahydrofuran	5.007	42	683300	742.638	ug/l	100
30) Chloroform	5.099	83	408566	154.932	ug/l	98
31) Cyclohexane	5.464	56	363420	149.374	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	361790	161.313	ug/l	99
36) 1,1-Dichloropropene	5.690	75	302152	148.783	ug/l	100
37) Ethyl Acetate	4.721	43	402640	151.866	ug/l	100
38) Carbon Tetrachloride	5.672	117	300714	157.250	ug/l	96
39) Methylcyclohexane	7.379	83	371723	151.797	ug/l	99
40) Benzene	6.038	78	865580	147.630	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	208136	155.227	ug/l	96
42) 1,2-Dichloroethane	6.086	62	347853	153.367	ug/l	99
43) Isopropyl Acetate	6.342	43	642263	158.299	ug/l	99
44) Trichloroethene	7.123	130	211653	150.249	ug/l	94
45) 1,2-Dichloropropane	7.428	63	235797	147.457	ug/l	100
46) Dibromomethane	7.580	93	164368	155.032	ug/l	96
47) Bromodichloromethane	7.824	83	318720	163.068	ug/l	98
48) Methyl methacrylate	7.696	41	308693	160.808	ug/l	96
49) 1,4-Dioxane	7.671	88	114264	2926.123	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	1964987	727.583	ug/l	99
52) Toluene	8.720	92	526411	148.910	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	366730	172.221	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	381478	165.042	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	217240	147.075	ug/l	90
56) Ethyl methacrylate	9.122	69	389191	163.506	ug/l	97
57) 1,3-Dichloropropane	9.311	76	379055	151.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	877072	781.883	ug/l	95
59) 2-Hexanone	9.439	43	1600932	743.343	ug/l	99
60) Dibromochloromethane	9.525	129	228482	170.609	ug/l	99
61) 1,2-Dibromoethane	9.610	107	235126	154.135	ug/l	100
64) Tetrachloroethene	9.275	164	162068	143.132	ug/l	98
65) Chlorobenzene	10.079	112	543601	146.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	201242	154.381	ug/l	97
67) Ethyl Benzene	10.195	91	1037063	150.317	ug/l	99
68) m/p-Xylenes	10.299	106	746716	293.706	ug/l	95
69) o-Xylene	10.640	106	372527	147.658	ug/l	94
70) Styrene	10.659	104	624053	154.955	ug/l	97
71) Bromoform	10.799	173	162095	172.438	ug/l #	99
73) Isopropylbenzene	10.963	105	988111	141.837	ug/l	100
74) N-amyl acetate	10.842	43	587536	158.334	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	379294	140.538	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	315617m	139.158	ug/l	
77) Bromobenzene	11.201	156	215418	137.630	ug/l	91
78) n-propylbenzene	11.305	91	1217569	148.003	ug/l	97
79) 2-Chlorotoluene	11.366	91	728177	141.311	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	844547	141.955	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	130335	176.354	ug/l	94
82) 4-Chlorotoluene	11.457	91	832691	142.601	ug/l	98
83) tert-Butylbenzene	11.713	119	837213	146.013	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	866031	146.031	ug/l	99
85) sec-Butylbenzene	11.890	105	1079359	151.004	ug/l	98
86) p-Isopropyltoluene	12.006	119	865749	152.275	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	421161	142.506	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	423138	143.601	ug/l	99
89) n-Butylbenzene	12.329	91	850176	162.392	ug/l	96
90) Hexachloroethane	12.536	117	167917	169.422	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	404426	137.110	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	103697	165.711	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	261163	155.440	ug/l	98
94) Hexachlorobutadiene	13.725	225	107070	153.385	ug/l	98
95) Naphthalene	13.774	128	990805	147.902	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	261476	152.209	ug/l	99

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

