

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039692.D
 Acq On : 09 Jan 2024 20:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX010924

Quant Time: Jan 10 07:42:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:39:55 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	107772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199851	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88632	49.224	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.440%		
35) Dibromofluoromethane	5.379	113	64686	49.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	8.647	98	243104	49.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	93270	50.346	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	73605	50.821	ug/l	99
3) Chloromethane	1.295	50	79768	49.358	ug/l	100
4) Vinyl Chloride	1.374	62	75620	49.348	ug/l	98
5) Bromomethane	1.599	94	37585	51.195	ug/l	99
6) Chloroethane	1.673	64	42761	56.951	ug/l	99
7) Trichlorofluoromethane	1.880	101	108185	48.025	ug/l	99
8) Diethyl Ether	2.136	74	40520	49.578	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	65811	49.179	ug/l	98
10) Methyl Iodide	2.453	142	79480	52.713	ug/l	94
11) Tert butyl alcohol	2.977	59	120466	254.171	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	64662	48.762	ug/l	92
13) Acrolein	2.233	56	75649	235.135	ug/l	99
14) Allyl chloride	2.660	41	128830	49.758	ug/l	97
15) Acrylonitrile	3.063	53	245777	252.982	ug/l	99
16) Acetone	2.380	43	240333	247.335	ug/l	93
17) Carbon Disulfide	2.508	76	184509	48.234	ug/l	99
18) Methyl Acetate	2.703	43	106454	49.773	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	231485	49.652	ug/l	97
20) Methylene Chloride	2.788	84	75247	46.633	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	67893	49.147	ug/l	98
22) Diisopropyl ether	3.758	45	245628	49.921	ug/l	98
23) Vinyl Acetate	3.721	43	1181860	259.242	ug/l	99
24) 1,1-Dichloroethane	3.605	63	135743	49.934	ug/l	99
25) 2-Butanone	4.556	43	362688	255.331	ug/l	98
26) 2,2-Dichloropropane	4.477	77	107094	49.940	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78199	49.226	ug/l	99
28) Bromochloromethane	4.898	49	63139	50.710	ug/l	94
29) Tetrahydrofuran	5.001	42	235349	254.088	ug/l	100
30) Chloroform	5.093	83	133573	50.316	ug/l	100
31) Cyclohexane	5.471	56	120140	49.052	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	115210	51.028	ug/l	99
36) 1,1-Dichloropropene	5.690	75	98270	48.110	ug/l	100
37) Ethyl Acetate	4.715	43	134171	50.314	ug/l	99
38) Carbon Tetrachloride	5.678	117	96233	50.032	ug/l	96
39) Methylcyclohexane	7.379	83	120543	48.941	ug/l	99
40) Benzene	6.038	78	288682	48.953	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71560	53.061	ug/l	97
42) 1,2-Dichloroethane	6.086	62	111767	48.993	ug/l	99
43) Isopropyl Acetate	6.336	43	210395	51.557	ug/l	99
44) Trichloroethene	7.123	130	68172	48.115	ug/l	96
45) 1,2-Dichloropropane	7.428	63	78164	48.599	ug/l	97
46) Dibromomethane	7.580	93	54092	50.726	ug/l	97
47) Bromodichloromethane	7.818	83	101596	51.680	ug/l	97
48) Methyl methacrylate	7.690	41	102203	52.934	ug/l	95
49) 1,4-Dioxane	7.659	88	42127	1072.588	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	710104	261.417	ug/l	98
52) Toluene	8.714	92	177383	49.889	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	112065	52.324	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120635	51.890	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	74172	49.926	ug/l	93
56) Ethyl methacrylate	9.116	69	127532	53.270	ug/l	97
57) 1,3-Dichloropropane	9.305	76	127402	50.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	297380	263.577	ug/l	95
59) 2-Hexanone	9.427	43	573373	264.693	ug/l	98
60) Dibromochloromethane	9.519	129	72812	54.056	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78115	50.912	ug/l	98
64) Tetrachloroethene	9.275	164	54691	48.946	ug/l	96
65) Chlorobenzene	10.080	112	182710	49.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65913	51.240	ug/l	98
67) Ethyl Benzene	10.189	91	348900	51.247	ug/l	96
68) m/p-Xylenes	10.299	106	253931	101.213	ug/l	94
69) o-Xylene	10.640	106	126517	50.817	ug/l	93
70) Styrene	10.653	104	208976	52.583	ug/l	98
71) Bromoform	10.799	173	50073	53.980	ug/l #	99
73) Isopropylbenzene	10.964	105	337179	50.240	ug/l	100
74) N-amyl acetate	10.842	43	191242	53.496	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	128027	49.240	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109956m	50.323	ug/l	
77) Bromobenzene	11.195	156	73096	48.476	ug/l	94
78) n-propylbenzene	11.305	91	403915	50.965	ug/l	97
79) 2-Chlorotoluene	11.366	91	244794	49.311	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	287873	50.226	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	37265	52.339	ug/l	97
82) 4-Chlorotoluene	11.451	91	278778	49.557	ug/l	97
83) tert-Butylbenzene	11.713	119	276018	49.968	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	289353	50.646	ug/l	100
85) sec-Butylbenzene	11.890	105	357124	51.861	ug/l	98
86) p-Isopropyltoluene	12.006	119	285221	52.074	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	138813	48.755	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	137723	48.516	ug/l	98
89) n-Butylbenzene	12.329	91	263714	52.287	ug/l	96
90) Hexachloroethane	12.536	117	51532	53.971	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	134830	47.448	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32772	54.362	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	79970	49.406	ug/l	98
94) Hexachlorobutadiene	13.725	225	33707	50.123	ug/l	99
95) Naphthalene	13.774	128	318633	49.372	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82107	49.613	ug/l	100

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

