

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039701.D
 Acq On : 10 Jan 2024 13:41
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX011024

Quant Time: Jan 11 03:57:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	203289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95852	50.615	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.240%			
35) Dibromofluoromethane	5.379	113	70173	51.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.500%			
50) Toluene-d8	8.647	98	267923	51.881	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.760%			
62) 4-Bromofluorobenzene	11.079	95	106267	52.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84669	57.887	ug/l	97
3) Chloromethane	1.294	50	88837	53.183	ug/l	98
4) Vinyl Chloride	1.374	62	85676	54.348	ug/l	98
5) Bromomethane	1.599	94	46087	51.237	ug/l	99
6) Chloroethane	1.678	64	50915	56.814	ug/l	98
7) Trichlorofluoromethane	1.886	101	124529	54.760	ug/l	99
8) Diethyl Ether	2.130	74	46168	54.936	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	77278	54.813	ug/l	98
10) Methyl Iodide	2.453	142	85567	57.531	ug/l	93
11) Tert butyl alcohol	2.959	59	130853	265.445	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	75365	55.390	ug/l	94
13) Acrolein	2.233	56	73546	242.079	ug/l	99
14) Allyl chloride	2.660	41	147475	55.070	ug/l	97
15) Acrylonitrile	3.056	53	272594	267.702	ug/l	99
16) Acetone	2.373	43	292813	274.935	ug/l	94
17) Carbon Disulfide	2.508	76	219378	56.096	ug/l	100
18) Methyl Acetate	2.697	43	120021	53.866	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	260610	53.951	ug/l	99
20) Methylene Chloride	2.788	84	85659	53.173	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	78534	54.847	ug/l	99
22) Diisopropyl ether	3.757	45	275809	53.969	ug/l	93
23) Vinyl Acetate	3.715	43	1333114	280.626	ug/l	99
24) 1,1-Dichloroethane	3.605	63	153293	54.524	ug/l	99
25) 2-Butanone	4.550	43	409933	267.841	ug/l	99
26) 2,2-Dichloropropane	4.471	77	125978	55.830	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	91421	55.668	ug/l	98
28) Bromochloromethane	4.891	49	73982	58.051	ug/l	96
29) Tetrahydrofuran	4.995	42	261345	265.296	ug/l	99
30) Chloroform	5.092	83	151415	54.555	ug/l	100
31) Cyclohexane	5.464	56	136913	54.781	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	132209	55.641	ug/l	99
36) 1,1-Dichloropropene	5.684	75	114230	53.597	ug/l	99
37) Ethyl Acetate	4.708	43	148776	52.325	ug/l	99
38) Carbon Tetrachloride	5.672	117	108392	55.528	ug/l	96
39) Methylcyclohexane	7.373	83	141154	55.154	ug/l	99
40) Benzene	6.031	78	326088	54.033	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	77842	55.985	ug/l	96
42) 1,2-Dichloroethane	6.080	62	126432	55.104	ug/l	99
43) Isopropyl Acetate	6.336	43	233910	56.081	ug/l	100
44) Trichloroethene	7.123	130	81089	54.825	ug/l	96
45) 1,2-Dichloropropane	7.427	63	88290	54.536	ug/l	99
46) Dibromomethane	7.574	93	60921	54.481	ug/l	97
47) Bromodichloromethane	7.818	83	116786	56.392	ug/l	98
48) Methyl methacrylate	7.690	41	114363	55.782	ug/l	96
49) 1,4-Dioxane	7.659	88	44831	1130.093	ug/l #	97
51) 4-Methyl-2-Pentanone	8.567	43	768974	267.693	ug/l	98
52) Toluene	8.714	92	198284	55.007	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	130887	59.560	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	139573	57.761	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	81904	53.368	ug/l	91
56) Ethyl methacrylate	9.116	69	141869	57.116	ug/l	96
57) 1,3-Dichloropropane	9.305	76	141835	54.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	296755	252.757	ug/l	94
59) 2-Hexanone	9.427	43	628975	276.655	ug/l	99
60) Dibromochloromethane	9.518	129	82129	56.746	ug/l	99
61) 1,2-Dibromoethane	9.610	107	88755	55.846	ug/l	99
64) Tetrachloroethene	9.269	164	64916	53.573	ug/l	95
65) Chlorobenzene	10.079	112	211430	54.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	74841	56.634	ug/l	98
67) Ethyl Benzene	10.189	91	397492	55.168	ug/l	99
68) m/p-Xylenes	10.299	106	292306	110.311	ug/l	95
69) o-Xylene	10.640	106	143401	54.646	ug/l	94
70) Styrene	10.652	104	239396	55.846	ug/l	98
71) Bromoform	10.799	173	57825	58.275	ug/l #	100
73) Isopropylbenzene	10.957	105	384913	54.184	ug/l	99
74) N-amyl acetate	10.841	43	214558	57.943	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	144154	53.141	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	123208m	53.261	ug/l	
77) Bromobenzene	11.195	156	82412	52.103	ug/l	91
78) n-propylbenzene	11.305	91	479685	55.790	ug/l	97
79) 2-Chlorotoluene	11.366	91	277777	52.272	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	331189	54.893	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	43799	55.837	ug/l	96
82) 4-Chlorotoluene	11.451	91	326513	54.169	ug/l	98
83) tert-Butylbenzene	11.713	119	314751	54.643	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	333445	55.396	ug/l	100
85) sec-Butylbenzene	11.890	105	417847	55.882	ug/l	98
86) p-Isopropyltoluene	12.006	119	339861	56.870	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	163106	53.796	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	165263	52.775	ug/l	98
89) n-Butylbenzene	12.329	91	336791	58.349	ug/l	96
90) Hexachloroethane	12.536	117	58552	58.077	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	159542	53.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36065	54.256	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	101423	55.369	ug/l	98
94) Hexachlorobutadiene	13.725	225	44317	58.200	ug/l	98
95) Naphthalene	13.774	128	365246	54.163	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99002	53.551	ug/l	98

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

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