

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038368.D
 Acq On : 18 Oct 2023 17:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 19 01:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	140205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104118	46.170	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.340%
35) Dibromofluoromethane	5.385	113	86315	49.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	8.647	98	322316	48.019	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.079	95	127585	50.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64182	47.425	ug/l	100
3) Chloromethane	1.301	50	65743	47.663	ug/l	100
4) Vinyl Chloride	1.374	62	86291	56.424	ug/l	100
5) Bromomethane	1.599	94	120616	60.225	ug/l	97
6) Chloroethane	1.679	64	62173	55.060	ug/l	97
7) Trichlorofluoromethane	1.886	101	164055	54.309	ug/l	99
8) Diethyl Ether	2.136	74	59031	52.397	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	68041	51.596	ug/l	97
10) Methyl Iodide	2.453	142	92004	48.489	ug/l	95
11) Tert butyl alcohol	2.959	59	110377	220.415	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	64994	50.667	ug/l	87
13) Acrolein	2.233	56	64965	202.643	ug/l	99
14) Allyl chloride	2.660	41	104534	45.560	ug/l #	93
15) Acrylonitrile	3.062	53	249678	243.291	ug/l	99
16) Acetone	2.380	43	233505	248.101	ug/l	92
17) Carbon Disulfide	2.514	76	155581	42.081	ug/l	98
18) Methyl Acetate	2.703	43	202429	50.155	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	248444	48.630	ug/l	98
20) Methylene Chloride	2.788	84	79734	45.039	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	76793	48.351	ug/l	87
22) Diisopropyl ether	3.764	45	237876	49.467	ug/l #	86
23) Vinyl Acetate	3.721	43	870437	246.829	ug/l	96
24) 1,1-Dichloroethane	3.611	63	135109	46.297	ug/l	98
25) 2-Butanone	4.550	43	374754	246.784	ug/l	91
26) 2,2-Dichloropropane	4.477	77	107039	46.978	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	93655	49.512	ug/l	89
28) Bromochloromethane	4.898	49	63568	48.252	ug/l	83
29) Tetrahydrofuran	5.001	42	240335	243.089	ug/l #	86
30) Chloroform	5.093	83	164965	51.693	ug/l	98
31) Cyclohexane	5.471	56	117380	48.043	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	138349	50.614	ug/l	99
36) 1,1-Dichloropropene	5.696	75	114044	47.081	ug/l	97
37) Ethyl Acetate	4.715	43	139961	48.652	ug/l	98
38) Carbon Tetrachloride	5.678	117	118362	49.671	ug/l	97
39) Methylcyclohexane	7.385	83	139208	49.064	ug/l	89
40) Benzene	6.038	78	337473	49.811	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	70961	49.585	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	131489	48.576	ug/l		98
43) Isopropyl Acetate	6.336	43	208240	48.489	ug/l		96
44) Trichloroethene	7.129	130	93331	52.670	ug/l		94
45) 1,2-Dichloropropane	7.428	63	87386	49.835	ug/l		99
46) Dibromomethane	7.580	93	68819	50.602	ug/l		96
47) Bromodichloromethane	7.824	83	127636	52.756	ug/l		98
48) Methyl methacrylate	7.690	41	103629	50.547	ug/l	#	84
49) 1,4-Dioxane	7.659	88	44836	887.481	ug/l	#	85
51) 4-Methyl-2-Pentanone	8.574	43	758465	256.046	ug/l		96
52) Toluene	8.720	92	229090	51.909	ug/l		92
53) t-1,3-Dichloropropene	8.976	75	134344	51.731	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	143873	52.730	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	100160	53.059	ug/l		97
56) Ethyl methacrylate	9.116	69	150627	52.044	ug/l		92
57) 1,3-Dichloropropane	9.311	76	161098	52.766	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	351608	247.495	ug/l		98
59) 2-Hexanone	9.427	43	612710	257.289	ug/l		95
60) Dibromochloromethane	9.525	129	103129	55.821	ug/l		100
61) 1,2-Dibromoethane	9.610	107	109613	53.696	ug/l		98
64) Tetrachloroethene	9.275	164	80817	49.798	ug/l		98
65) Chlorobenzene	10.079	112	257252	49.040	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	93809	52.883	ug/l		99
67) Ethyl Benzene	10.195	91	456073	48.707	ug/l		99
68) m/p-Xylenes	10.299	106	351827	97.173	ug/l		100
69) o-Xylene	10.640	106	170566	48.268	ug/l		99
70) Styrene	10.653	104	291375	50.632	ug/l		96
71) Bromoform	10.799	173	76368	46.613	ug/l	#	100
73) Isopropylbenzene	10.963	105	461489	50.085	ug/l		99
74) N-amyl acetate	10.842	43	192457	48.912	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.213	83	169340	50.085	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	154317m	49.405	ug/l		
77) Bromobenzene	11.201	156	113043	50.251	ug/l		90
78) n-propylbenzene	11.305	91	547947	48.635	ug/l		100
79) 2-Chlorotoluene	11.366	91	317354	47.496	ug/l		96
80) 1,3,5-Trimethylbenzene	11.451	105	393550	49.507	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	45631	43.250	ug/l		91
82) 4-Chlorotoluene	11.457	91	373089	47.187	ug/l		96
83) tert-Butylbenzene	11.713	119	386335	49.737	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	394630	49.790	ug/l		99
85) sec-Butylbenzene	11.890	105	498135	49.507	ug/l		100
86) p-Isopropyltoluene	12.006	119	418675	50.433	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	216135	47.835	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	218071	47.274	ug/l		97
89) n-Butylbenzene	12.335	91	395158	47.795	ug/l		97
90) Hexachloroethane	12.536	117	68536	49.793	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	213657	49.194	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39728	48.599	ug/l		83
93) 1,2,4-Trichlorobenzene	13.585	180	142171	48.805	ug/l		97
94) Hexachlorobutadiene	13.725	225	58692	50.059	ug/l		98
95) Naphthalene	13.774	128	492310	48.530	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	138333	49.044	ug/l		99

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 Supervised By :Mahesh
 Dadoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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