

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031908.D
 Acq On : 05 Oct 2022 20:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 06 06:50:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183372	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138934	50.000	ug/l	0.00

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 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84901	47.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.600%
35) Dibromofluoromethane	5.385	113	90426	50.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	8.653	98	323608	50.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.580%
62) 4-Bromofluorobenzene	11.079	95	115302	50.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.620%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	68868	49.908	ug/l	100
3) Chloromethane	1.288	50	58181	47.695	ug/l	100
4) Vinyl Chloride	1.373	62	76426	48.623	ug/l	98
5) Bromomethane	1.611	94	69834	47.506	ug/l	99
6) Chloroethane	1.684	64	71715	55.698	ug/l	97
7) Trichlorofluoromethane	1.886	101	156399	47.866	ug/l	99
8) Diethyl Ether	2.129	74	51552	47.117	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.324	101	77064	48.741	ug/l	# 83
10) Methyl Iodide	2.452	142	82973	45.908	ug/l	96
11) Tert butyl alcohol	3.001	59	55315	265.025	ug/l	98
12) 1,1-Dichloroethene	2.318	96	71945	48.049	ug/l	# 77
13) Acrolein	2.239	56	36365	256.666	ug/l	99
14) Allyl chloride	2.666	41	76648	49.308	ug/l	# 93
15) Acrylonitrile	3.068	53	159264	239.799	ug/l	98
16) Acetone	2.385	43	120572	231.913	ug/l	# 88
17) Carbon Disulfide	2.513	76	140572	47.615	ug/l	100
18) Methyl Acetate	2.702	43	83492	49.581	ug/l	# 81
19) Methyl tert-butyl Ether	3.111	73	229108	50.038	ug/l	96
20) Methylene Chloride	2.788	84	79644	46.512	ug/l	# 77
21) trans-1,2-Dichloroethene	3.093	96	82112	48.960	ug/l	# 80
22) Diisopropyl ether	3.757	45	182437	50.020	ug/l	# 87
23) Vinyl Acetate	3.721	43	692613	256.633	ug/l	# 87
24) 1,1-Dichloroethane	3.611	63	121376	48.691	ug/l	94
25) 2-Butanone	4.562	43	199257	240.631	ug/l	# 84
26) 2,2-Dichloropropane	4.477	77	82923	44.072	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	96687	49.237	ug/l	76
28) Bromochloromethane	4.897	49	48020	48.653	ug/l	# 36
29) Tetrahydrofuran	5.013	42	127873	248.114	ug/l	# 75
30) Chloroform	5.098	83	152264	49.790	ug/l	98
31) Cyclohexane	5.470	56	99757	48.111	ug/l	# 80
32) 1,1,1-Trichloroethane	5.385	97	136194	50.618	ug/l	94
36) 1,1-Dichloropropene	5.696	75	104523	50.067	ug/l	92
37) Ethyl Acetate	4.714	43	80423	49.868	ug/l	# 91
38) Carbon Tetrachloride	5.678	117	124550	50.669	ug/l	96
39) Methylcyclohexane	7.378	83	129236	48.313	ug/l	# 86
40) Benzene	6.037	78	314764	50.141	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	42921	51.472	ug/l	#	84
42) 1,2-Dichloroethane	6.086	62	105011	50.355	ug/l		92
43) Isopropyl Acetate	6.342	43	126824	51.529	ug/l	#	88
44) Trichloroethene	7.122	130	110003	51.488	ug/l		83
45) 1,2-Dichloropropane	7.433	63	71935	51.420	ug/l		95
46) Dibromomethane	7.580	93	63662	51.484	ug/l	#	81
47) Bromodichloromethane	7.823	83	111111	52.621	ug/l	#	96
48) Methyl methacrylate	7.695	41	60347	51.925	ug/l	#	79
49) 1,4-Dioxane	7.695	88	38468	972.566	ug/l	#	82
51) 4-Methyl-2-Pentanone	8.573	43	416136	251.318	ug/l		88
52) Toluene	8.720	92	224396	50.485	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	104205	54.731	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	118147	53.980	ug/l	#	84
55) 1,1,2-Trichloroethane	9.152	97	92659	50.683	ug/l		92
56) Ethyl methacrylate	9.116	69	114572	54.424	ug/l	#	80
57) 1,3-Dichloropropane	9.311	76	138430	50.946	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	271137	256.888	ug/l	#	78
59) 2-Hexanone	9.433	43	308189	256.371	ug/l		86
60) Dibromochloromethane	9.524	129	103399	56.216	ug/l		99
61) 1,2-Dibromoethane	9.610	107	102031	52.572	ug/l		98
64) Tetrachloroethene	9.274	164	115870	51.375	ug/l		94
65) Chlorobenzene	10.079	112	261704	50.271	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	97870	53.361	ug/l		97
67) Ethyl Benzene	10.195	91	421501	50.502	ug/l		95
68) m/p-Xylenes	10.305	106	359434	102.152	ug/l		88
69) o-Xylene	10.640	106	178135	51.500	ug/l		87
70) Styrene	10.658	104	288611	52.958	ug/l		94
71) Bromoform	10.799	173	76346	46.407	ug/l	#	99
73) Isopropylbenzene	10.963	105	455517	49.362	ug/l		98
74) N-amyl acetate	10.847	43	108735	53.603	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	125842	49.001	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	106823m	48.358	ug/l		
77) Bromobenzene	11.201	156	128640	51.278	ug/l		78
78) n-propylbenzene	11.305	91	488388	49.688	ug/l		93
79) 2-Chlorotoluene	11.366	91	290177	48.318	ug/l		90
80) 1,3,5-Trimethylbenzene	11.451	105	384657	50.363	ug/l		94
81) trans-1,4-Dichloro-2-b...	11.018	75	27159	42.938	ug/l		97
82) 4-Chlorotoluene	11.457	91	334513	48.800	ug/l		90
83) tert-Butylbenzene	11.713	119	395052	51.249	ug/l		92
84) 1,2,4-Trimethylbenzene	11.750	105	381882	50.055	ug/l		95
85) sec-Butylbenzene	11.890	105	472178	50.782	ug/l		96
86) p-Isopropyltoluene	12.012	119	418034	50.878	ug/l		96
87) 1,3-Dichlorobenzene	11.969	146	240774	50.825	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	240751	49.309	ug/l		96
89) n-Butylbenzene	12.335	91	306240	50.096	ug/l		96
90) Hexachloroethane	12.542	117	59100	53.717	ug/l		79
91) 1,2-Dichlorobenzene	12.335	146	237412	50.143	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24575	53.895	ug/l	#	50
93) 1,2,4-Trichlorobenzene	13.591	180	162648	54.089	ug/l		98
94) Hexachlorobutadiene	13.725	225	63235	51.629	ug/l		98
95) Naphthalene	13.774	128	504201	53.216	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	164255	54.125	ug/l		96

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

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