

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024379.D
 Acq On : 21 Sep 2021 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:40:55 PM

Quant Time: Sep 21 15:37:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	183967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129143	49.229	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.460%
35) Dibromofluoromethane	5.397	113	95912	50.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	8.653	98	353721	51.264	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.520%
62) 4-Bromofluorobenzene	11.086	95	154780	57.642	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	81561	46.121	ug/l	99
3) Chloromethane	1.295	50	75838	41.067	ug/l	100
4) Vinyl Chloride	1.380	62	74262	40.406	ug/l	100
5) Bromomethane	1.599	94	50781	46.413	ug/l	99
6) Chloroethane	1.685	64	48373	39.847	ug/l	100
7) Trichlorofluoromethane	1.886	101	132777	43.068	ug/l	99
8) Diethyl Ether	2.136	74	46100	43.214	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	90197	49.801	ug/l	97
10) Methyl Iodide	2.453	142	112227	44.789	ug/l	93
11) Tert butyl alcohol	2.977	59	123379	220.344	ug/l	99
12) 1,1-Dichloroethene	2.319	96	79782	47.035	ug/l	87
13) Acrolein	2.240	56	40291	233.033	ug/l	96
14) Allyl chloride	2.666	41	156650	50.816	ug/l	94
15) Acrylonitrile	3.069	53	270659	252.251	ug/l	99
16) Acetone	2.386	43	290738	259.921	ug/l	93
17) Carbon Disulfide	2.514	76	198829	46.774	ug/l	100
18) Methyl Acetate	2.709	43	174310	49.706	ug/l	92
19) Methyl tert-butyl Ether	3.124	73	329492	52.855	ug/l	100
20) Methylene Chloride	2.794	84	101130	47.082	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	92580	49.854	ug/l	95
22) Diisopropyl ether	3.770	45	327804	54.141	ug/l	97
23) Vinyl Acetate	3.727	43	1305407	265.537	ug/l	95
24) 1,1-Dichloroethane	3.617	63	178895	50.353	ug/l	97
25) 2-Butanone	4.562	43	406811	246.925	ug/l	94
26) 2,2-Dichloropropane	4.483	77	159444	51.238	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	112793	52.594	ug/l	98
28) Bromochloromethane	4.910	49	68835	47.551	ug/l	96
29) Tetrahydrofuran	5.020	42	246950	239.480	ug/l	90
30) Chloroform	5.105	83	193040	51.094	ug/l	98
31) Cyclohexane	5.477	56	153913	50.159	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	169693	50.185	ug/l	100
36) 1,1-Dichloropropene	5.702	75	136215	52.459	ug/l	98
37) Ethyl Acetate	4.721	43	149631	49.455	ug/l	95
38) Carbon Tetrachloride	5.684	117	150244	51.409	ug/l	100
39) Methylcyclohexane	7.385	83	171116	55.197	ug/l	98
40) Benzene	6.044	78	398686	53.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	81213	50.333	ug/l	92
42) 1,2-Dichloroethane	6.092	62	160262	51.606	ug/l	96
43) Isopropyl Acetate	6.349	43	246341	51.148	ug/l	94
44) Trichloroethene	7.129	130	104705	50.039	ug/l	96
45) 1,2-Dichloropropane	7.434	63	107096	54.485	ug/l	95
46) Dibromomethane	7.586	93	75639	52.571	ug/l	100
47) Bromodichloromethane	7.824	83	140294	52.439	ug/l	100
48) Methyl methacrylate	7.696	41	124962	52.001	ug/l	91
49) 1,4-Dioxane	7.665	88	48851	970.857	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	805170	262.352	ug/l	92
52) Toluene	8.720	92	244741	50.141	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	172726	56.930	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	175783	55.987	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	106570	51.266	ug/l	98
56) Ethyl methacrylate	9.122	69	169381	48.845	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	185701	54.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	399560	265.603	ug/l	98
59) 2-Hexanone	9.433	43	639925	267.595	ug/l	90
60) Dibromochloromethane	9.525	129	116463	49.423	ug/l	97
61) 1,2-Dibromoethane	9.610	107	120523	54.412	ug/l	100
64) Tetrachloroethene	9.275	164	114200	52.763	ug/l	94
65) Chlorobenzene	10.080	112	301422	52.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	113881	53.458	ug/l	99
67) Ethyl Benzene	10.195	91	539799	53.685	ug/l	99
68) m/p-Xylenes	10.305	106	423627	110.046	ug/l	99
69) o-Xylene	10.647	106	192846	50.185	ug/l	100
70) Styrene	10.659	104	332394	53.322	ug/l	98
71) Bromoform	10.805	173	88334	49.702	ug/l	99
73) Isopropylbenzene	10.964	105	550694	49.521	ug/l	99
74) N-amyl acetate	10.848	43	234665	50.128	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	165990	46.139	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	163000m	47.470	ug/l	
77) Bromobenzene	11.201	156	133725	47.848	ug/l	95
78) n-propylbenzene	11.305	91	629130	50.080	ug/l	99
79) 2-Chlorotoluene	11.366	91	390262	50.013	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	476504	50.835	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	56921	48.753	ug/l	94
82) 4-Chlorotoluene	11.457	91	455218	51.273	ug/l	99
83) tert-Butylbenzene	11.720	119	465073	51.405	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	475424	51.560	ug/l	99
85) sec-Butylbenzene	11.896	105	592136	52.238	ug/l	100
86) p-Isopropyltoluene	12.012	119	506208	53.201	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	266940	53.323	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	258236	50.537	ug/l	99
89) n-Butylbenzene	12.335	91	439688	53.407	ug/l	97
90) Hexachloroethane	12.543	117	78716	51.348	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	241173	49.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36306	43.988	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	158908	54.906	ug/l	98
94) Hexachlorobutadiene	13.725	225	76535	52.956	ug/l	99
95) Naphthalene	13.780	128	508057	47.667	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	159014	54.509	ug/l	99

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

