

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024453.D
 Acq On : 23 Sep 2021 16:30
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:57:48 PM

Quant Time: Sep 23 17:12:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 17:05:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	149542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104502	48.824	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.397	113	77935	49.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.580%
50) Toluene-d8	8.653	98	288081	50.383	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.760%
62) 4-Bromofluorobenzene	11.085	95	112539	50.827	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78977	54.047	ug/l	100
3) Chloromethane	1.294	50	72045	48.251	ug/l	98
4) Vinyl Chloride	1.374	62	76488	50.944	ug/l	99
5) Bromomethane	1.599	94	51786	56.034	ug/l	98
6) Chloroethane	1.679	64	48336	48.945	ug/l	98
7) Trichlorofluoromethane	1.886	101	133475	52.842	ug/l	96
8) Diethyl Ether	2.136	74	43188	50.030	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	74169	50.366	ug/l	95
10) Methyl Iodide	2.453	142	106007	52.710	ug/l	91
11) Tert butyl alcohol	2.977	59	127188	248.464	ug/l	99
12) 1,1-Dichloroethene	2.319	96	68217	49.773	ug/l	94
13) Acrolein	2.239	56	29092	213.293	ug/l	98
14) Allyl chloride	2.666	41	127724	51.178	ug/l	89
15) Acrylonitrile	3.069	53	239416	271.998	ug/l	98
16) Acetone	2.386	43	235599	256.943	ug/l	90
17) Carbon Disulfide	2.514	76	172333	50.198	ug/l	98
18) Methyl Acetate	2.709	43	154410	53.592	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	257919	51.208	ug/l	99
20) Methylene Chloride	2.788	84	78628	45.370	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	76592	50.798	ug/l	95
22) Diisopropyl ether	3.770	45	257111	52.402	ug/l	98
23) Vinyl Acetate	3.733	43	1078926	270.025	ug/l	95
24) 1,1-Dichloroethane	3.617	63	143767	50.056	ug/l	99
25) 2-Butanone	4.568	43	371989	274.026	ug/l	93
26) 2,2-Dichloropropane	4.483	77	128717	51.153	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	90110	51.967	ug/l	95
28) Bromochloromethane	4.910	49	59107	49.621	ug/l	97
29) Tetrahydrofuran	5.019	42	240568	282.761	ug/l	90
30) Chloroform	5.105	83	156593	51.217	ug/l	98
31) Cyclohexane	5.477	56	128228	51.482	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	144029	52.561	ug/l	99
36) 1,1-Dichloropropene	5.696	75	112506	52.496	ug/l	99
37) Ethyl Acetate	4.727	43	138127	54.638	ug/l	94
38) Carbon Tetrachloride	5.690	117	128401	53.147	ug/l	98
39) Methylcyclohexane	7.385	83	137855	53.870	ug/l	97
40) Benzene	6.044	78	318947	52.119	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73790	55.186	ug/l	92
42) 1,2-Dichloroethane	6.092	62	136956	53.372	ug/l	94
43) Isopropyl Acetate	6.348	43	212915	53.520	ug/l	93
44) Trichloroethene	7.129	130	87438	50.871	ug/l	99
45) 1,2-Dichloropropane	7.434	63	82987	51.393	ug/l	97
46) Dibromomethane	7.586	93	61626	52.046	ug/l	98
47) Bromodichloromethane	7.830	83	118601	53.889	ug/l	98
48) Methyl methacrylate	7.696	41	108241	54.367	ug/l	85
49) 1,4-Dioxane	7.665	88	51240	1206.962	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	726690	284.824	ug/l	91
52) Toluene	8.720	92	211107	52.589	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	134197	53.887	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	136427	53.131	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	87365	51.161	ug/l	98
56) Ethyl methacrylate	9.122	69	141939	55.391	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	145065	52.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	356380	283.325	ug/l	99
59) 2-Hexanone	9.433	43	584477	292.994	ug/l	87
60) Dibromochloromethane	9.525	129	93969	54.667	ug/l	99
61) 1,2-Dibromoethane	9.616	107	96632	52.839	ug/l	100
64) Tetrachloroethene	9.281	164	77195	46.882	ug/l	98
65) Chlorobenzene	10.086	112	232323	51.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	88323	53.366	ug/l	100
67) Ethyl Benzene	10.195	91	424999	54.192	ug/l	99
68) m/p-Xylenes	10.305	106	331012	110.227	ug/l	99
69) o-Xylene	10.646	106	160650	53.754	ug/l	98
70) Styrene	10.659	104	271800	55.977	ug/l	97
71) Bromoform	10.805	173	68924	55.644	ug/l #	99
73) Isopropylbenzene	10.963	105	431308	49.475	ug/l	100
74) N-amyl acetate	10.848	43	196869	53.454	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	147532	51.470	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	135065m	49.896	ug/l	
77) Bromobenzene	11.201	156	106359	48.702	ug/l	96
78) n-propylbenzene	11.305	91	503327	51.031	ug/l	99
79) 2-Chlorotoluene	11.366	91	303570	49.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	377988	51.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	47970	52.270	ug/l	91
82) 4-Chlorotoluene	11.457	91	357902	51.231	ug/l	100
83) tert-Butylbenzene	11.719	119	373741	52.256	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	376581	51.896	ug/l	99
85) sec-Butylbenzene	11.896	105	465312	52.232	ug/l	99
86) p-Isopropyltoluene	12.012	119	399263	53.227	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	203940	51.542	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	206280	50.906	ug/l	99
89) n-Butylbenzene	12.335	91	350740	53.839	ug/l	98
90) Hexachloroethane	12.542	117	63518	52.697	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	201354	51.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37447	56.305	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	130608	56.434	ug/l	98
94) Hexachlorobutadiene	13.725	225	59739	51.786	ug/l	99
95) Naphthalene	13.780	128	457039	61.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	132927	56.960	ug/l	99

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

