

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024345.D
 Acq On : 20 Sep 2021 11:27
 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 7:40:19 PM

Quant Time: Sep 22 08:52:53 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	5.555	168	171379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	262174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120670	49.378	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.760%
35) Dibromofluoromethane	5.397	113	89514	50.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%
50) Toluene-d8	8.652	98	323400	50.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.085	95	134610	54.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	76247	46.283	ug/l	98
3) Chloromethane	1.300	50	78249	45.484	ug/l	99
4) Vinyl Chloride	1.379	62	81332	47.504	ug/l	99
5) Bromomethane	1.599	94	54568	53.537	ug/l	98
6) Chloroethane	1.678	64	53957	47.712	ug/l	99
7) Trichlorofluoromethane	1.885	101	145852	50.784	ug/l	99
8) Diethyl Ether	2.141	74	51616	51.939	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.330	101	82596	48.954	ug/l	94
10) Methyl Iodide	2.452	142	113272	48.527	ug/l	91
11) Tert butyl alcohol	2.983	59	120579	232.293	ug/l	100
12) 1,1-Dichloroethene	2.318	96	75432	47.737	ug/l	90
13) Acrolein	2.245	56	47533	295.112	ug/l	99
14) Allyl chloride	2.666	41	139452	48.560	ug/l	89
15) Acrylonitrile	3.074	53	240503	240.609	ug/l	97
16) Acetone	2.391	43	268549	257.719	ug/l	90
17) Carbon Disulfide	2.513	76	178983	45.198	ug/l	100
18) Methyl Acetate	2.708	43	157528	48.219	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	301935	51.992	ug/l	99
20) Methylene Chloride	2.794	84	91106	45.531	ug/l	91
21) trans-1,2-Dichloroethene	3.092	96	83611	48.332	ug/l	95
22) Diisopropyl ether	3.769	45	294611	52.232	ug/l	95
23) Vinyl Acetate	3.733	43	1220591	266.521	ug/l	94
24) 1,1-Dichloroethane	3.617	63	161983	48.942	ug/l	98
25) 2-Butanone	4.568	43	376173	245.100	ug/l	93
26) 2,2-Dichloropropane	4.482	77	149029	51.409	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	101447	50.778	ug/l	96
28) Bromochloromethane	4.903	49	66534	49.337	ug/l	96
29) Tetrahydrofuran	5.019	42	229991	239.416	ug/l	90
30) Chloroform	5.098	83	177902	50.546	ug/l	99
31) Cyclohexane	5.476	56	140410	49.119	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	161031	51.121	ug/l	99
36) 1,1-Dichloropropene	5.696	75	125576	52.097	ug/l	99
37) Ethyl Acetate	4.726	43	142215	50.634	ug/l #	94
38) Carbon Tetrachloride	5.684	117	142430	52.499	ug/l	99
39) Methylcyclohexane	7.384	83	153720	53.415	ug/l	98
40) Benzene	6.043	78	359312	51.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	78342	52.304	ug/l	92
42) 1,2-Dichloroethane	6.092	62	156858	54.411	ug/l	94
43) Isopropyl Acetate	6.348	43	238037	53.241	ug/l	92
44) Trichloroethene	7.128	130	100075	51.520	ug/l	99
45) 1,2-Dichloropropane	7.433	63	96040	52.634	ug/l	97
46) Dibromomethane	7.586	93	70868	53.059	ug/l	99
47) Bromodichloromethane	7.823	83	137312	55.288	ug/l	99
48) Methyl methacrylate	7.695	41	118681	53.201	ug/l	85
49) 1,4-Dioxane	7.665	88	47151	1009.443	ug/l #	96
51) 4-Methyl-2-Pentanone	8.579	43	763134	267.859	ug/l	90
52) Toluene	8.720	92	238809	52.704	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	160023	56.816	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	160129	54.940	ug/l #	90
55) 1,1,2-Trichloroethane	9.158	97	102027	52.871	ug/l	98
56) Ethyl methacrylate	9.122	69	163322	50.682	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	166157	52.871	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	355170	254.329	ug/l	98
59) 2-Hexanone	9.433	43	612742	276.016	ug/l	87
60) Dibromochloromethane	9.524	129	109606	50.081	ug/l	99
61) 1,2-Dibromoethane	9.616	107	110548	53.763	ug/l	99
64) Tetrachloroethene	9.274	164	102719	52.566	ug/l	95
65) Chlorobenzene	10.085	112	270195	52.066	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	103733	53.935	ug/l	99
67) Ethyl Benzene	10.195	91	483807	53.294	ug/l	99
68) m/p-Xylenes	10.305	106	378644	108.946	ug/l	98
69) o-Xylene	10.646	106	186140	53.653	ug/l	98
70) Styrene	10.658	104	314198	55.827	ug/l	97
71) Bromoform	10.805	173	83684	52.097	ug/l	99
73) Isopropylbenzene	10.963	105	499926	50.010	ug/l	99
74) N-amyl acetate	10.847	43	224169	53.269	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	159745	49.395	ug/l	100
76) 1,2,3-Trichloropropane	11.243	75	149483m	48.428	ug/l	
77) Bromobenzene	11.201	156	127052	50.571	ug/l	94
78) n-propylbenzene	11.304	91	584384	51.748	ug/l	99
79) 2-Chlorotoluene	11.365	91	354017	50.468	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	431382	51.195	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	53696	51.161	ug/l	91
82) 4-Chlorotoluene	11.457	91	415736	52.090	ug/l	100
83) tert-Butylbenzene	11.719	119	423153	52.030	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	431977	52.115	ug/l	98
85) sec-Butylbenzene	11.896	105	540134	53.008	ug/l	99
86) p-Isopropyltoluene	12.012	119	460830	53.877	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	235303	52.288	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	232968	50.717	ug/l	98
89) n-Butylbenzene	12.335	91	406221	54.889	ug/l	97
90) Hexachloroethane	12.542	117	72966	52.948	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	224568	50.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	35877	48.355	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	142109	54.622	ug/l	99
94) Hexachlorobutadiene	13.725	225	66287	51.022	ug/l	98
95) Naphthalene	13.780	128	458401	47.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141006	53.770	ug/l	98

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

