

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021564.D
 Acq On : 29 Mar 2021 09:35
 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
 3/31/2021 9:41:24 AM

Quant Time: Mar 30 03:22:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.617	168	94419	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	152632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	141896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	70614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	72611	46.22	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.44%
35) Dibromofluoromethane	5.464	113	52380	48.31	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.62%
50) Toluene-d8	8.694	98	183345	47.46	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.92%
62) 4-Bromofluorobenzene	11.118	95	71817	47.81	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.62%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	48495	46.73	ug/l	99
3) Chloromethane	1.311	50	53001	44.43	ug/l	99
4) Vinyl Chloride	1.393	62	49539	46.67	ug/l	97
5) Bromomethane	1.622	94	21924	51.32	ug/l	95
6) Chloroethane	1.705	64	30815	45.77	ug/l	99
7) Trichlorofluoromethane	1.911	101	82959	48.05	ug/l	100
8) Diethyl Ether	2.170	74	27831	46.45	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.358	101	46464	47.81	ug/l	96
10) Methyl Iodide	2.487	142	37799	49.83	ug/l #	88
11) Tert butyl alcohol	3.011	59	56472	217.44	ug/l	97
12) 1,1-Dichloroethene	2.352	96	43190	45.39	ug/l	85
13) Acrolein	2.270	56	24318	186.73	ug/l	98
14) Allyl chloride	2.705	41	88047	45.59	ug/l #	88
15) Acrylonitrile	3.111	53	137012	221.98	ug/l	98
16) Acetone	2.417	43	120744	203.27	ug/l	88
17) Carbon Disulfide	2.546	76	113047	42.31	ug/l	99
18) Methyl Acetate	2.746	43	81681	47.60	ug/l	91
19) Methyl tert-butyl Ether	3.164	73	166998	47.00	ug/l	97
20) Methylene Chloride	2.834	84	52311	45.13	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	47366	45.32	ug/l	92
22) Diisopropyl ether	3.823	45	176843	47.13	ug/l	94
23) Vinyl Acetate	3.782	43	736949	232.19	ug/l #	94
24) 1,1-Dichloroethane	3.664	63	95018	46.97	ug/l	97
25) 2-Butanone	4.629	43	192197	213.45	ug/l	89
26) 2,2-Dichloropropane	4.546	77	86689	49.47	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	57088	47.04	ug/l	91
28) Bromochloromethane	4.970	49	45715	45.14	ug/l	85
29) Tetrahydrofuran	5.082	42	126753	217.11	ug/l	86
30) Chloroform	5.170	83	101736	47.65	ug/l	97
31) Cyclohexane	5.546	56	79944	46.28	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	89724	47.42	ug/l	97
36) 1,1-Dichloropropene	5.764	75	71496	47.81	ug/l	97
37) Ethyl Acetate	4.788	43	74023	42.81	ug/l #	94
38) Carbon Tetrachloride	5.746	117	80024	49.79	ug/l	98
39) Methylcyclohexane	7.435	83	80970	48.84	ug/l	93
40) Benzene	6.105	78	203627	47.95	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	45134	45.00	ug/l	89
42) 1,2-Dichloroethane	6.152	62	89429	48.57	ug/l	93
43) Isopropyl Acetate	6.405	43	128646	45.82	ug/l #	91
44) Trichloroethene	7.182	130	53084	47.37	ug/l	98
45) 1,2-Dichloropropane	7.488	63	56224	48.87	ug/l	97
46) Dibromomethane	7.635	93	39497	47.10	ug/l	94
47) Bromodichloromethane	7.870	83	85017	49.82	ug/l	99
48) Methyl methacrylate	7.741	41	70354	46.97	ug/l #	82
49) 1,4-Dioxane	7.711	88	24310	906.57	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	402542	233.08	ug/l	89
52) Toluene	8.759	92	129409	49.33	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	86012	49.92	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	92832	50.63	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	55102	49.77	ug/l	98
56) Ethyl methacrylate	9.159	69	81077	43.63	ug/l #	76
57) 1,3-Dichloropropane	9.347	76	91480	48.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	235217	251.40	ug/l	95
59) 2-Hexanone	9.470	43	304010	234.43	ug/l	85
60) Dibromochloromethane	9.565	129	64324	51.87	ug/l	100
61) 1,2-Dibromoethane	9.653	107	57198	48.09	ug/l	100
64) Tetrachloroethene	9.318	164	47581	50.06	ug/l	91
65) Chlorobenzene	10.118	112	138329	48.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	55612	50.91	ug/l	99
67) Ethyl Benzene	10.235	91	253616	48.81	ug/l	99
68) m/p-Xylenes	10.341	106	188271	101.71	ug/l	94
69) o-Xylene	10.682	106	88946	49.61	ug/l	94
70) Styrene	10.694	104	155898	50.56	ug/l	96
71) Bromoform	10.841	173	45000	50.70	ug/l #	100
73) Isopropylbenzene	11.000	105	251082	50.61	ug/l	97
74) N-amyl acetate	10.877	43	109888	45.77	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.247	83	80299	45.81	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	79542m	48.39	ug/l	
77) Bromobenzene	11.235	156	59808	48.63	ug/l	96
78) n-propylbenzene	11.341	91	295680	50.46	ug/l	97
79) 2-Chlorotoluene	11.400	91	174600	49.12	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	214978	50.72	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	26769	49.60	ug/l #	67
82) 4-Chlorotoluene	11.494	91	206745	48.99	ug/l	97
83) tert-Butylbenzene	11.753	119	200143	48.50	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	215634	50.46	ug/l	97
85) sec-Butylbenzene	11.930	105	238360	50.07	ug/l	100
86) p-Isopropyltoluene	12.047	119	221586	51.14	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	106039	47.88	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	108920	47.54	ug/l	98
89) n-Butylbenzene	12.371	91	202746	51.07	ug/l	95
90) Hexachloroethane	12.577	117	40358	51.61	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	102769	47.72	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19299	43.93	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	71119	50.39	ug/l	97
94) Hexachlorobutadiene	13.765	225	31327	49.18	ug/l	98
95) Naphthalene	13.818	128	224130	48.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	70462	49.95	ug/l	99

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

