

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015079.D
 Acq On : 04 Mar 2020 08:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:17 PM

Quant Time: Mar 04 14:19:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	571667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	4084	1.111	ug/l	85
3) Chloromethane	1.32	50	5836	1.120	ug/l	97
4) Vinyl Chloride	1.40	62	6150	1.164	ug/l	96
6) Chloroethane	1.72	64	3503	1.106	ug/l #	79
7) Trichlorofluoromethane	1.93	101	6693	1.065	ug/l	92
8) Diethyl Ether	2.18	74	3015m	1.048	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4315	1.091	ug/l #	91
12) 1,1-Dichloroethene	2.37	96	4608	1.129	ug/l #	79
14) Allyl chloride	2.72	41	7297	1.025	ug/l	87
15) Acrylonitrile	3.14	53	10231	4.752	ug/l	98
16) Acetone	2.45	43	11795	5.846	ug/l	95
17) Carbon Disulfide	2.57	76	12071	1.065	ug/l #	95
18) Methyl Acetate	2.76	43	5970	1.210	ug/l	93
19) Methyl tert-butyl Ether	3.18	73	12042	0.944	ug/l #	90
20) Methylene Chloride	2.85	84	5736	1.215	ug/l #	89
21) trans-1,2-Dichloroethene	3.16	96	4553	1.045	ug/l #	73
22) Diisopropyl ether	3.84	45	13127	0.926	ug/l #	81
23) Vinyl Acetate	3.81	43	48541	4.165	ug/l	98
24) 1,1-Dichloroethane	3.69	63	7727	0.982	ug/l #	89
25) 2-Butanone	4.67	43	13455	4.555	ug/l #	87
26) 2,2-Dichloropropane	4.56	77	6473	1.036	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	5053	1.034	ug/l	97
28) Bromochloromethane	5.01	49	3036	0.847	ug/l #	79
29) Tetrahydrofuran	5.12	42	9754	5.122	ug/l #	87
30) Chloroform	5.20	83	7702	1.004	ug/l	89
32) 1,1,1-Trichloroethane	5.47	97	5930	0.933	ug/l #	38
36) 1,1-Dichloropropene	5.79	75	6310	1.072	ug/l #	91
37) Ethyl Acetate	4.83	43	4053	0.742	ug/l #	78
38) Carbon Tetrachloride	5.76	117	5958	1.072	ug/l	85
39) Methylcyclohexane	7.45	83	6450	0.938	ug/l	97
40) Benzene	6.13	78	17296	0.990	ug/l #	90
41) Methacrylonitrile	5.03	41	3382m	1.117	ug/l	
42) 1,2-Dichloroethane	6.18	62	5699	0.950	ug/l	91
43) Isopropyl Acetate	6.43	43	9162	0.954	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	5037	1.036	ug/l	96
45) 1,2-Dichloropropane	7.51	63	4300	0.951	ug/l #	86
46) Dibromomethane	7.66	93	3075	1.044	ug/l	93
47) Bromodichloromethane	7.89	83	5788	0.994	ug/l	91
48) Methyl methacrylate	7.76	41	5193	1.062	ug/l #	78
49) 1,4-Dioxane	7.77	88	2330	22.093	ug/l #	51
51) 4-Methyl-2-Pentanone	8.64	43	23877	4.204	ug/l	99
52) Toluene	8.78	92	9669	0.906	ug/l	92
53) t-1,3-Dichloropropene	9.04	75	5124	0.821	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	6488	0.926	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4407	1.003	ug/l #	86
56) Ethyl methacrylate	9.17	69	4775	0.762	ug/l #	86
57) 1,3-Dichloropropane	9.36	76	7173	0.970	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	15550	4.553	ug/l	93
59) 2-Hexanone	9.49	43	15949	3.789	ug/l	96
60) Dibromochloromethane	9.57	129	4618	1.000	ug/l	96
61) 1,2-Dibromoethane	9.67	107	4688	1.015	ug/l	83
64) Tetrachloroethene	9.33	164	5087	1.076	ug/l #	91
65) Chlorobenzene	10.14	112	11420	0.995	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	4626	1.069	ug/l #	63
67) Ethyl Benzene	10.25	91	17484	0.897	ug/l	94
68) m/p-Xylenes	10.36	106	12409	1.674	ug/l	94
69) o-Xylene	10.70	106	6532	0.920	ug/l	98
70) Styrene	10.71	104	10605	0.871	ug/l	97
71) Bromoform	10.85	173	2945	0.878	ug/l #	98
73) Isopropylbenzene	11.01	105	15769	0.898	ug/l	97
74) N-amyl acetate	10.89	43	6714	0.907	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	6011	1.027	ug/l #	78
76) 1,2,3-Trichloropropane	11.29	75	5431m	1.007	ug/l	
77) Bromobenzene	11.25	156	5321	1.087	ug/l	88
78) n-propylbenzene	11.35	91	17050	0.850	ug/l	92
79) 2-Chlorotoluene	11.42	91	11028	0.920	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	12665	0.866	ug/l	96
82) 4-Chlorotoluene	11.51	91	13692	0.967	ug/l	98
83) tert-Butylbenzene	11.76	119	12377	0.876	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	12684	0.864	ug/l	96
85) sec-Butylbenzene	11.94	105	14555	0.853	ug/l	91
86) p-Isopropyltoluene	12.06	119	13431	0.854	ug/l #	89
87) 1,3-Dichlorobenzene	12.02	146	8776	1.020	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	9961m	1.147	ug/l	
89) n-Butylbenzene	12.38	91	11473	0.821	ug/l	97
90) Hexachloroethane	12.59	117	3298	1.110	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	8950	1.046	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1087	0.928	ug/l	94
93) 1,2,4-Trichlorobenzene	13.64	180	5721	0.964	ug/l	92
94) Hexachlorobutadiene	13.78	225	3464	1.137	ug/l	95
95) Naphthalene	13.83	128	11702	0.721	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.01	180	5192	0.876	ug/l	90

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

