

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014876.D
 Acq On : 10 Feb 2020 09:54
 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
 2/11/2020 10:35:57 AM

Quant Time: Feb 10 11:42:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	577191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	846690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	772089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399825	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	4492	0.853	ug/l	91
3) Chloromethane	1.32	50	5835	0.960	ug/l #	87
4) Vinyl Chloride	1.41	62	6507	0.990	ug/l #	88
6) Chloroethane	1.73	64	4290	0.998	ug/l	98
7) Trichlorofluoromethane	1.93	101	8929	0.965	ug/l	93
8) Diethyl Ether	2.18	74	3860	0.998	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5651	1.034	ug/l	97
12) 1,1-Dichloroethene	2.37	96	4776	0.915	ug/l	94
14) Allyl chloride	2.72	41	10203	1.093	ug/l	95
15) Acrylonitrile	3.13	53	13236	4.610	ug/l	98
16) Acetone	2.43	43	25047	6.176	ug/l	98
17) Carbon Disulfide	2.56	76	14199	0.982	ug/l	95
18) Methyl Acetate	2.76	43	5907	0.922	ug/l #	69
19) Methyl tert-butyl Ether	3.18	73	16049	0.949	ug/l	97
20) Methylene Chloride	2.84	84	7527	1.171	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	5689	0.978	ug/l #	86
22) Diisopropyl ether	3.84	45	16281	0.920	ug/l #	87
23) Vinyl Acetate	3.80	43	63567	4.339	ug/l	95
24) 1,1-Dichloroethane	3.69	63	9586	0.954	ug/l #	88
25) 2-Butanone	4.67	43	20379	4.641	ug/l	99
26) 2,2-Dichloropropane	4.58	77	8707	1.005	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	6124	0.949	ug/l	90
28) Bromochloromethane	5.01	49	3403m	1.009	ug/l	
29) Tetrahydrofuran	5.12	42	10079	4.104	ug/l	92
30) Chloroform	5.19	83	9221m	0.923	ug/l	
32) 1,1,1-Trichloroethane	5.48	97	8082	0.936	ug/l #	49
36) 1,1-Dichloropropene	5.79	75	6956	0.935	ug/l	92
37) Ethyl Acetate	4.83	43	7144	0.919	ug/l #	81
38) Carbon Tetrachloride	5.78	117	6267	0.871	ug/l #	81
39) Methylcyclohexane	7.46	83	9460	1.008	ug/l #	85
40) Benzene	6.14	78	21185	0.941	ug/l	95
41) Methacrylonitrile	5.03	41	3281	0.800	ug/l #	80
42) 1,2-Dichloroethane	6.18	62	7840	0.955	ug/l	94
43) Isopropyl Acetate	6.43	43	11269	0.890	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	6464	0.990	ug/l	87
45) 1,2-Dichloropropane	7.51	63	5156	0.901	ug/l #	86
46) Dibromomethane	7.65	93	3956	1.007	ug/l	91
47) Bromodichloromethane	7.89	83	7580	0.990	ug/l #	93
48) Methyl methacrylate	7.76	41	4944	0.806	ug/l #	83
49) 1,4-Dioxane	7.73	88	2610	21.960	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	32694	4.268	ug/l	100
52) Toluene	8.78	92	12821	0.903	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	6788	0.830	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	8738	0.952	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	5313	0.923	ug/l	91
56) Ethyl methacrylate	9.17	69	6911	0.836	ug/l	98
57) 1,3-Dichloropropane	9.36	76	9338	0.962	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.31	63	21011	4.692	ug/l	92
59) 2-Hexanone	9.48	43	24282	4.062	ug/l	96
60) Dibromochloromethane	9.57	129	5183	0.868	ug/l	91
61) 1,2-Dibromoethane	9.67	107	6050	0.972	ug/l	92
64) Tetrachloroethene	9.33	164	6829	0.965	ug/l	91
65) Chlorobenzene	10.14	112	15689	1.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	5051	0.909	ug/l #	59
67) Ethyl Benzene	10.25	91	24134	0.922	ug/l	99
68) m/p-Xylenes	10.35	106	19179	1.907	ug/l	92
69) o-Xylene	10.69	106	9172	0.952	ug/l	99
70) Styrene	10.71	104	13908	0.870	ug/l	93
71) Bromoform	10.85	173	3983	0.895	ug/l #	88
73) Isopropylbenzene	11.01	105	21774	0.873	ug/l	95
74) N-amyl acetate	10.89	43	7983	0.811	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	8449	1.028	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	7194m	0.832	ug/l	
77) Bromobenzene	11.25	156	6999	0.999	ug/l	90
78) n-propylbenzene	11.35	91	25733	0.895	ug/l	100
79) 2-Chlorotoluene	11.42	91	15667	0.921	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	17124	0.837	ug/l	96
82) 4-Chlorotoluene	11.51	91	19016	0.950	ug/l	100
83) tert-Butylbenzene	11.76	119	17924	0.914	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	18263	0.881	ug/l	92
85) sec-Butylbenzene	11.94	105	22161	0.912	ug/l	97
86) p-Isopropyltoluene	12.06	119	20602	0.910	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	12213	0.976	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	13618m	1.085	ug/l	
89) n-Butylbenzene	12.38	91	17897	0.893	ug/l	98
90) Hexachloroethane	12.59	117	3596	0.932	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	11969	0.978	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2292	1.178	ug/l	83
93) 1,2,4-Trichlorobenzene	13.64	180	8591	0.967	ug/l	98
94) Hexachlorobutadiene	13.78	225	4427	1.012	ug/l	90
95) Naphthalene	13.83	128	18270	0.795	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	7980	0.927	ug/l	91

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

