

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX030619\
 Data File : VX007858.D
 Acq On : 06 Mar 2019 12:47
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:35:13 AM

Quant Time: Mar 15 03:39:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171383	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	1.20	85	2864	1.144	ug/l	91
3) Chloromethane	1.33	50	4134	1.281	ug/l	96
4) Vinyl Chloride	1.41	62	3480	1.085	ug/l	96
5) Bromomethane	1.65	94	3502	1.796	ug/l	91
6) Chloroethane	1.73	64	2207	1.036	ug/l	98
7) Trichlorofluoromethane	1.93	101	4767	1.142	ug/l	96
8) Diethyl Ether	2.19	74	1970	1.090	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3023	1.169	ug/l	96
12) 1,1-Dichloroethene	2.38	96	2823	1.132	ug/l	92
14) Allyl chloride	2.73	41	5672	1.082	ug/l	98
15) Acrylonitrile	3.15	53	10253	5.875	ug/l	99
16) Acetone	2.45	43	9066	5.066	ug/l	100
17) Carbon Disulfide	2.57	76	12004	1.434	ug/l #	92
18) Methyl Acetate	2.78	43	4438	1.167	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	9031	1.053	ug/l	96
20) Methylene Chloride	2.86	84	3512	1.233	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	3387	1.234	ug/l	96
22) Diisopropyl ether	3.87	45	10359	1.078	ug/l	97
23) Vinyl Acetate	3.82	43	43870	5.208	ug/l	98
24) 1,1-Dichloroethane	3.70	63	5523	1.068	ug/l #	96
25) 2-Butanone	4.70	43	13305	5.252	ug/l	100
26) 2,2-Dichloropropane	4.59	77	3452	1.008	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3575	1.139	ug/l	89
28) Bromochloromethane	5.01	49	2623	1.088	ug/l #	98
29) Tetrahydrofuran	5.15	42	8558	5.415	ug/l	99
30) Chloroform	5.21	83	5155	1.054	ug/l	96
31) Cyclohexane	5.58	56	4988	1.050	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	4077	1.005	ug/l #	50
36) 1,1-Dichloropropene	5.80	75	4555	1.169	ug/l	98
37) Ethyl Acetate	4.85	43	5311	1.149	ug/l	99
38) Carbon Tetrachloride	5.78	117	3757	1.016	ug/l	96
39) Methylcyclohexane	7.46	83	4841	1.026	ug/l	95
40) Benzene	6.15	78	12368	1.066	ug/l	92
41) Methacrylonitrile	5.05	41	2728	1.082	ug/l #	34

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	4068	1.073	ug/l	99
43) Isopropyl Acetate	6.46	43	6967	1.018	ug/l	99
44) Trichloroethene	7.22	130	3752	1.174	ug/l	90
45) 1,2-Dichloropropane	7.52	63	3107	1.014	ug/l	100
46) Dibromomethane	7.67	93	2084	1.075	ug/l	98
47) Bromodichloromethane	7.90	83	3578	0.974	ug/l	96
48) Methyl methacrylate	7.78	41	3822	1.063	ug/l	93
49) 1,4-Dioxane	7.76	88	1584	21.437	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	22093	5.021	ug/l	99
52) Toluene	8.79	92	7403	1.046	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	3300	0.860	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	3806	0.879	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	2882	1.005	ug/l	93
56) Ethyl methacrylate	9.18	69	3855	0.896	ug/l #	87
57) 1,3-Dichloropropane	9.37	76	4982	1.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	10533	4.732	ug/l	97
59) 2-Hexanone	9.49	43	16863	4.936	ug/l	96
60) Dibromochloromethane	9.59	129	2639	0.881	ug/l	97
61) 1,2-Dibromoethane	9.67	107	3232	1.062	ug/l	98
64) Tetrachloroethene	9.34	164	3930	1.271	ug/l	91
65) Chlorobenzene	10.14	112	8746	1.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	2811	1.004	ug/l #	65
67) Ethyl Benzene	10.25	91	13150	1.023	ug/l	96
68) m/p-Xylenes	10.36	106	10007	2.020	ug/l	99
69) o-Xylene	10.69	106	4735	0.990	ug/l	100
70) Styrene	10.71	104	7584	0.969	ug/l	98
71) Bromoform	10.85	173	2138	0.889	ug/l #	94
73) Isopropylbenzene	11.02	105	12040	1.039	ug/l	100
74) N-amyl acetate	10.90	43	5375	1.016	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4566	1.142	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	3923m	1.082	ug/l	
77) Bromobenzene	11.26	156	3752	1.181	ug/l	99
78) n-propylbenzene	11.36	91	13230	1.029	ug/l	100
79) 2-Chlorotoluene	11.42	91	8812	1.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9717	1.019	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	965	0.858	ug/l #	76
82) 4-Chlorotoluene	11.51	91	9928	1.102	ug/l	100
83) tert-Butylbenzene	11.77	119	9664	1.006	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	9816	1.004	ug/l	98
85) sec-Butylbenzene	11.94	105	11161	0.986	ug/l	100
86) p-Isopropyltoluene	12.06	119	9769	0.964	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	6347	1.129	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	7122m	1.236	ug/l	
89) n-Butylbenzene	12.39	91	8219	0.957	ug/l	97
90) Hexachloroethane	12.59	117	1562	0.922	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	6321	1.132	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	870	1.041	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	4303	1.097	ug/l	97
94) Hexachlorobutadiene	13.78	225	2222	1.083	ug/l	97
95) Naphthalene	13.83	128	11516	1.019	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4217	1.079	ug/l	99

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

