

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060418\
 Data File : VX002254.D
 Acq On : 04 Jun 2018 10:33
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:01 PM

Quant Time: Jun 05 02:13:37 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 02:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370993	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	21865	6.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.94%	
35) Dibromofluoromethane	5.51	113	15001	5.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.28%	
50) Toluene-d8	8.72	98	55308	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	
62) 4-Bromofluorobenzene	11.14	95	20077	4.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	8648	3.83	ug/l	98
3) Chloromethane	1.33	50	17814	5.99	ug/l	99
4) Vinyl Chloride	1.41	62	15002	5.27	ug/l	100
5) Bromomethane	1.64	94	13539	5.98	ug/l	97
6) Chloroethane	1.71	64	11093	6.02	ug/l	92
7) Trichlorofluoromethane	1.92	101	18905	4.36	ug/l	99
8) Diethyl Ether	2.20	74	11081	6.27	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	9193	3.93	ug/l	98
10) Methyl Iodide	2.51	142	16670	5.06	ug/l	97
11) Tert butyl alcohol	3.09	59	22235	31.92	ug/l	98
12) 1,1-Dichloroethene	2.37	96	12106	5.23	ug/l	98
13) Acrolein	2.30	56	11080	33.02	ug/l	100
14) Allyl chloride	2.73	41	28932	5.76	ug/l	100
15) Acrylonitrile	3.16	53	46787	31.55	ug/l	99
16) Acetone	2.46	43	48397	31.13	ug/l	98
17) Carbon Disulfide	2.57	76	30339	4.97	ug/l	100
18) Methyl Acetate	2.79	43	24099	6.57	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	58951	6.43	ug/l	99
20) Methylene Chloride	2.86	84	19523	6.32	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	14355	5.62	ug/l	97
22) Diisopropyl ether	3.88	45	55761	5.95	ug/l	94
23) Vinyl Acetate	3.83	43	248094	30.47	ug/l	98
24) 1,1-Dichloroethane	3.70	63	29973	6.04	ug/l	99
25) 2-Butanone	4.71	43	66785	31.33	ug/l	99
26) 2,2-Dichloropropane	4.59	77	21119	5.44	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	16641	6.00	ug/l	54
28) Bromochloromethane	5.03	49	14136	5.88	ug/l	99
29) Tetrahydrofuran	5.17	42	42910	31.22	ug/l	100
30) Chloroform	5.22	83	28208	5.89	ug/l	98
31) Cyclohexane	5.59	56	15851	4.04	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	20833	5.13	ug/l	99
36) 1,1-Dichloropropene	5.80	75	16931	4.34	ug/l	96
37) Ethyl Acetate	4.87	43	26163	5.58	ug/l	96
38) Carbon Tetrachloride	5.79	117	16348	4.01	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	13934	3.13	ug/l	89
40) Benzene	6.15	78	61969	5.18	ug/l	99
41) Methacrylonitrile	5.07	41	14706	5.48	ug/l	97
42) 1,2-Dichloroethane	6.21	62	25764	5.42	ug/l	99
43) Isopropyl Acetate	6.48	43	42404	5.32	ug/l	99
44) Trichloroethene	7.21	130	16027	4.83	ug/l	99
45) 1,2-Dichloropropane	7.52	63	17232	5.34	ug/l	93
46) Dibromomethane	7.67	93	11690	5.34	ug/l	98
47) Bromodichloromethane	7.90	83	19159	4.84	ug/l	93
48) Methyl methacrylate	7.78	41	20779	5.19	ug/l	99
49) 1,4-Dioxane	7.76	88	8165	109.12	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	135784	27.37	ug/l	99
52) Toluene	8.79	92	37987	4.99	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	22693	4.78	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	21532	4.81	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	16826	5.38	ug/l	95
56) Ethyl methacrylate	9.19	69	25952	5.20	ug/l	98
57) 1,3-Dichloropropane	9.38	76	28080	5.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	60257	26.07	ug/l	99
59) 2-Hexanone	9.50	43	103130	26.91	ug/l	99
60) Dibromochloromethane	9.59	129	14550	4.62	ug/l	100
61) 1,2-Dibromoethane	9.68	107	17104	5.24	ug/l	98
64) Tetrachloroethene	9.34	164	16819	4.60	ug/l	94
65) Chlorobenzene	10.14	112	43963	4.99	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	15397	4.82	ug/l	98
67) Ethyl Benzene	10.26	91	70898	4.81	ug/l	99
68) m/p-Xylenes	10.37	106	54306	9.47	ug/l	98
69) o-Xylene	10.70	106	28000	4.91	ug/l	97
70) Styrene	10.72	104	45121	4.84	ug/l	100
71) Bromoform	10.86	173	10557	4.17	ug/l #	97
73) Isopropylbenzene	11.02	105	68338	4.98	ug/l	99
74) N-amyl acetate	6.48	43	42404	5.73	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	24814	5.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	24319m	6.14	ug/l	
77) Bromobenzene	11.26	156	20817	5.40	ug/l	98
78) n-propylbenzene	11.37	91	71432	4.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	50530	5.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	59178	5.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	5951	4.82	ug/l	86
82) 4-Chlorotoluene	11.51	91	56363	5.07	ug/l	99
83) tert-Butylbenzene	11.77	119	56233	4.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	61141	5.04	ug/l	99
85) sec-Butylbenzene	11.95	105	59315	4.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	55229	4.51	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	34850	5.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	35419	4.98	ug/l	93
89) n-Butylbenzene	12.39	91	40007	3.89	ug/l	100
90) Hexachloroethane	12.60	117	8475	4.33	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	38027	5.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	5029	5.32	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	23561	4.71	ug/l	99
94) Hexachlorobutadiene	13.79	225	9376	3.79	ug/l	99
95) Naphthalene	13.84	128	73909	5.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	24712	4.84	ug/l	99

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

