

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002594.D
 Acq On : 15 Jun 2018 12:02
 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
 6/18/2018 5:11:57 PM

Quant Time: Jun 15 13:24:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172969	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	17272	5.02	ug/l	0.00
Spiked Amount			Recovery	=	10.04%	
35) Dibromofluoromethane	5.51	113	12718	5.09	ug/l	0.00
Spiked Amount			Recovery	=	10.18%	
50) Toluene-d8	8.72	98	48352	5.05	ug/l	0.00
Spiked Amount			Recovery	=	10.10%	
62) 4-Bromofluorobenzene	11.14	95	16831	4.56	ug/l	0.00
Spiked Amount			Recovery	=	9.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	12916	5.62	ug/l	98
3) Chloromethane	1.32	50	15668	5.18	ug/l	98
4) Vinyl Chloride	1.40	62	16343	5.64	ug/l	99
5) Bromomethane	1.64	94	10122	4.40	ug/l	100
6) Chloroethane	1.72	64	10279	5.49	ug/l	96
7) Trichlorofluoromethane	1.93	101	25931	5.88	ug/l	99
8) Diethyl Ether	2.19	74	9583	5.33	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14876	6.25	ug/l	99
10) Methyl Iodide	2.51	142	11831	3.53	ug/l	100
11) Tert butyl alcohol	3.07	59	19271	27.20	ug/l	97
12) 1,1-Dichloroethene	2.38	96	13385	5.69	ug/l	84
13) Acrolein	2.29	56	11942	35.00	ug/l	96
14) Allyl chloride	2.73	41	25201	4.93	ug/l	95
15) Acrylonitrile	3.15	53	40469	26.84	ug/l	99
16) Acetone	2.45	43	38929	24.63	ug/l	95
17) Carbon Disulfide	2.57	76	28863	4.65	ug/l	96
18) Methyl Acetate	2.78	43	19824	5.32	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	48504	5.20	ug/l	96
20) Methylene Chloride	2.86	84	16128	5.13	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	14327	5.52	ug/l	98
22) Diisopropyl ether	3.88	45	44597	4.68	ug/l	96
23) Vinyl Acetate	3.82	43	185155	22.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	27614	5.47	ug/l	98
25) 2-Butanone	4.71	43	50379	23.24	ug/l	96
26) 2,2-Dichloropropane	4.59	77	17118	4.34	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	13959	4.95	ug/l	75
28) Bromochloromethane	5.03	49	11468	4.69	ug/l	# 13
29) Tetrahydrofuran	5.17	42	32228	23.06	ug/l	96
30) Chloroform	5.22	83	24193	4.97	ug/l	99
31) Cyclohexane	5.58	56	21697	5.44	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	18796	4.55	ug/l	98
36) 1,1-Dichloropropene	5.81	75	17342	5.19	ug/l	98
37) Ethyl Acetate	4.87	43	20001	4.98	ug/l	97
38) Carbon Tetrachloride	5.79	117	16298	4.66	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	21654	5.69	ug/l	99
40) Benzene	6.15	78	52897	5.16	ug/l	100
41) Methacrylonitrile	5.07	41	10909	4.74	ug/l	96
42) 1,2-Dichloroethane	6.20	62	20761	5.10	ug/l	100
43) Isopropyl Acetate	6.47	43	30617	4.49	ug/l	99
44) Trichloroethene	7.21	130	15381	5.41	ug/l	99
45) 1,2-Dichloropropane	7.52	63	13997	5.06	ug/l #	87
46) Dibromomethane	7.67	93	8865	4.73	ug/l	99
47) Bromodichloromethane	7.90	83	14193	4.18	ug/l	98
48) Methyl methacrylate	7.78	41	15958	4.65	ug/l	98
49) 1,4-Dioxane	7.76	88	5984	93.34	ug/l #	89
51) 4-Methyl-2-Pentanone	8.65	43	101453	23.87	ug/l	99
52) Toluene	8.79	92	32865	5.04	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	16079	3.95	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	14670	3.82	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	13181	4.92	ug/l	98
56) Ethyl methacrylate	9.18	69	19156	4.48	ug/l	95
57) 1,3-Dichloropropane	9.38	76	22463	5.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	47213	23.84	ug/l	100
59) 2-Hexanone	9.50	43	74956	22.83	ug/l	100
60) Dibromochloromethane	9.59	129	10196	3.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	13221	4.73	ug/l	100
64) Tetrachloroethene	9.34	164	17951	5.85	ug/l	97
65) Chlorobenzene	10.14	112	37360	5.05	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	11517	4.30	ug/l	99
67) Ethyl Benzene	10.26	91	64010	5.17	ug/l	97
68) m/p-Xylenes	10.36	106	47550	9.88	ug/l	99
69) o-Xylene	10.70	106	23465	4.90	ug/l	98
70) Styrene	10.71	104	36647	4.68	ug/l	99
71) Bromoform	10.86	173	7143	3.36	ug/l #	100
73) Isopropylbenzene	11.02	105	62507	5.19	ug/l	99
74) N-amyl acetate	6.47	43	30617	4.72	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	18122	4.79	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	18295m	4.82	ug/l	
77) Bromobenzene	11.26	156	17105	5.06	ug/l	99
78) n-propylbenzene	11.37	91	71192	5.32	ug/l	99
79) 2-Chlorotoluene	11.43	91	42733	5.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	51514	4.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	3481	3.21	ug/l #	65
82) 4-Chlorotoluene	11.51	91	49764	5.11	ug/l	100
83) tert-Butylbenzene	11.77	119	49596	4.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	52137	4.91	ug/l	96
85) sec-Butylbenzene	11.95	105	62991	5.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	55326	5.16	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	31889	5.28	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	32037	5.15	ug/l	97
89) n-Butylbenzene	12.39	91	46887	5.21	ug/l	99
90) Hexachloroethane	12.60	117	6237	3.64	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	31312	5.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3185	3.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	21784	4.97	ug/l	99
94) Hexachlorobutadiene	13.79	225	11820	5.46	ug/l	97
95) Naphthalene	13.84	128	57609	4.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	22086	4.94	ug/l	99

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

