

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002863.D
 Acq On : 25 Jun 2018 14:00
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:27 PM

Quant Time: Jun 25 14:26:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223132	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	79069	18.64	ug/l	0.00
Spiked Amount			Recovery	=	37.28%	
35) Dibromofluoromethane	5.51	113	61693	20.09	ug/l	0.00
Spiked Amount			Recovery	=	40.18%	
50) Toluene-d8	8.72	98	224051	19.21	ug/l	0.00
Spiked Amount			Recovery	=	38.42%	
62) 4-Bromofluorobenzene	11.14	95	84238	19.06	ug/l	0.00
Spiked Amount			Recovery	=	38.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	50013	16.88	ug/l	100
3) Chloromethane	1.32	50	54759	15.54	ug/l	99
4) Vinyl Chloride	1.40	62	60962	16.67	ug/l	98
5) Bromomethane	1.64	94	40638	18.42	ug/l	98
6) Chloroethane	1.73	64	38866	16.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	107532	18.10	ug/l	97
8) Diethyl Ether	2.19	74	37407	16.55	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60048	18.08	ug/l	99
10) Methyl Iodide	2.51	142	49090	12.00	ug/l	99
11) Tert butyl alcohol	3.07	59	80638	91.97	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53960	17.30	ug/l	100
13) Acrolein	2.29	56	43720	98.34	ug/l	98
14) Allyl chloride	2.73	41	106864	17.26	ug/l	100
15) Acrylonitrile	3.15	53	165580	86.55	ug/l	99
16) Acetone	2.45	43	164317	87.82	ug/l	99
17) Carbon Disulfide	2.57	76	137881	18.64	ug/l	99
18) Methyl Acetate	2.78	43	96478	19.35	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	197916	16.92	ug/l	98
20) Methylene Chloride	2.86	84	60138	15.68	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	58119	17.18	ug/l	98
22) Diisopropyl ether	3.88	45	205152	18.31	ug/l	98
23) Vinyl Acetate	3.83	43	857435	91.45	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111095	18.27	ug/l	100
25) 2-Butanone	4.71	43	241671	98.35	ug/l	99
26) 2,2-Dichloropropane	4.59	77	89342	20.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	65775	19.11	ug/l	91
28) Bromochloromethane	5.02	49	56981	20.01	ug/l	94
29) Tetrahydrofuran	5.17	42	150678	93.56	ug/l	97
30) Chloroform	5.22	83	116230	19.82	ug/l	97
31) Cyclohexane	5.58	56	94697	18.92	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	100434	20.48	ug/l	99
36) 1,1-Dichloropropene	5.80	75	81925	20.04	ug/l	99
37) Ethyl Acetate	4.87	43	91859	19.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	90891	22.33	ug/l	97

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39) Methylcyclohexane	7.46	83	97623	20.43	ug/l	98
40) Benzene	6.15	78	242909	19.82	ug/l	99
41) Methacrylonitrile	5.07	41	51657	19.78	ug/l	97
42) 1,2-Dichloroethane	6.20	62	96557	20.35	ug/l	99
43) Isopropyl Acetate	6.47	43	148642	19.39	ug/l	99
44) Trichloroethene	7.22	130	72653	20.54	ug/l	100
45) 1,2-Dichloropropane	7.52	63	63587	19.71	ug/l	97
46) Dibromomethane	7.66	93	43800	20.30	ug/l	96
47) Bromodichloromethane	7.90	83	81120	21.32	ug/l	98
48) Methyl methacrylate	7.78	41	78496	20.04	ug/l	98
49) 1,4-Dioxane	7.76	88	30652	413.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	480624	97.66	ug/l	99
52) Toluene	8.79	92	157109	20.10	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	93732	20.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	87320	21.05	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63800	20.20	ug/l	97
56) Ethyl methacrylate	9.18	69	93578	19.25	ug/l	97
57) 1,3-Dichloropropane	9.38	76	104986	19.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	231202	98.33	ug/l	98
59) 2-Hexanone	9.50	43	370273	99.85	ug/l	98
60) Dibromochloromethane	9.59	129	66527	21.82	ug/l	99
61) 1,2-Dibromoethane	9.68	107	67464	20.62	ug/l	100
64) Tetrachloroethene	9.34	164	80266	19.82	ug/l	99
65) Chlorobenzene	10.14	112	184871	20.63	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67279	22.03	ug/l	99
67) Ethyl Benzene	10.26	91	306886	20.31	ug/l	99
68) m/p-Xylenes	10.36	106	237486	40.74	ug/l	100
69) o-Xylene	10.70	106	115260	20.12	ug/l	98
70) Styrene	10.71	104	185857	19.73	ug/l	99
71) Bromoform	10.86	173	49915	21.74	ug/l #	99
73) Isopropylbenzene	11.02	105	314241	21.06	ug/l	100
74) N-amyl acetate	6.47	43	148642	20.05	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94501	21.44	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82803m	19.67	ug/l	
77) Bromobenzene	11.26	156	85649	20.60	ug/l	98
78) n-propylbenzene	11.37	91	358064	20.92	ug/l	99
79) 2-Chlorotoluene	11.43	91	213282	20.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263677	20.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24014	21.58	ug/l	94
82) 4-Chlorotoluene	11.51	91	251972	20.90	ug/l	99
83) tert-Butylbenzene	11.77	119	258755	21.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	273602	21.26	ug/l	99
85) sec-Butylbenzene	11.95	105	315879	20.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	285753	20.91	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	158566	20.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161067	20.76	ug/l	99
89) n-Butylbenzene	12.39	91	240218	19.92	ug/l	99
90) Hexachloroethane	12.60	117	39900	21.15	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	158649	20.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20019	21.69	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	115617	20.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	58811	20.05	ug/l	99
95) Naphthalene	13.84	128	319350	21.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117563	21.02	ug/l	100

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

