

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060418\
 Data File : VX002257.D
 Acq On : 04 Jun 2018 11:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:03 PM

Quant Time: Jun 05 02:33:50 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	318617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	454309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	285680	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	448533	90.51	ug/l	0.00
Spiked Amount			Recovery	=	181.02%	
35) Dibromofluoromethane	5.51	113	353613	98.98	ug/l	0.00
Spiked Amount			Recovery	=	197.96%	
50) Toluene-d8	8.72	98	1363595	99.58	ug/l	0.00
Spiked Amount			Recovery	=	199.16%	
62) 4-Bromofluorobenzene	11.14	95	544668	103.14	ug/l	0.00
Spiked Amount			Recovery	=	206.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	345410	104.29	ug/l	99
3) Chloromethane	1.32	50	378325	86.80	ug/l	100
4) Vinyl Chloride	1.41	62	399938	95.81	ug/l	99
5) Bromomethane	1.64	94	229389	69.14	ug/l	98
6) Chloroethane	1.71	64	246457	91.27	ug/l	100
7) Trichlorofluoromethane	1.92	101	644007	101.26	ug/l	99
8) Diethyl Ether	2.19	74	223738	86.36	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	358587	104.48	ug/l	100
10) Methyl Iodide	2.51	142	494846	102.50	ug/l	99
11) Tert butyl alcohol	3.09	59	441725	432.64	ug/l	100
12) 1,1-Dichloroethene	2.37	96	321327	94.73	ug/l	97
13) Acrolein	2.30	56	217486	442.23	ug/l	99
14) Allyl chloride	2.73	41	660173	89.69	ug/l	100
15) Acrylonitrile	3.15	53	940584	432.82	ug/l	100
16) Acetone	2.45	43	952813	418.20	ug/l	100
17) Carbon Disulfide	2.57	76	879254	98.35	ug/l	98
18) Methyl Acetate	2.78	43	445462	82.87	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1164025	86.63	ug/l	100
20) Methylene Chloride	2.86	84	354053	78.20	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	339543	90.78	ug/l	98
22) Diisopropyl ether	3.88	45	1224383	89.15	ug/l	100
23) Vinyl Acetate	3.83	43	5352093	448.52	ug/l	100
24) 1,1-Dichloroethane	3.70	63	657289	90.35	ug/l	99
25) 2-Butanone	4.71	43	1366873	437.54	ug/l	100
26) 2,2-Dichloropropane	4.59	77	533902	93.88	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	366929	90.20	ug/l	95
28) Bromochloromethane	5.03	49	307271	87.22	ug/l	98
29) Tetrahydrofuran	5.17	42	884754	439.26	ug/l	100
30) Chloroform	5.22	83	645895	92.00	ug/l	97
31) Cyclohexane	5.58	56	598495	104.03	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	590990	99.26	ug/l	100
36) 1,1-Dichloropropene	5.81	75	487330	102.04	ug/l	100
37) Ethyl Acetate	4.87	43	542727	94.49	ug/l	99
38) Carbon Tetrachloride	5.79	117	536582	107.39	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	612086	112.45	ug/l	99
40) Benzene	6.15	78	1413952	96.55	ug/l	99
41) Methacrylonitrile	5.07	41	307666	93.57	ug/l	99
42) 1,2-Dichloroethane	6.20	62	546510	93.93	ug/l	100
43) Isopropyl Acetate	6.47	43	937271	96.07	ug/l	100
44) Trichloroethene	7.22	130	408596	100.53	ug/l	98
45) 1,2-Dichloropropane	7.52	63	377575	95.51	ug/l	100
46) Dibromomethane	7.67	93	253651	94.64	ug/l	100
47) Bromodichloromethane	7.90	83	499045	102.96	ug/l	97
48) Methyl methacrylate	7.78	41	480515	98.05	ug/l	100
49) 1,4-Dioxane	7.76	88	172501	1882.64	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	2940422	483.99	ug/l	100
52) Toluene	8.79	92	931667	100.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	610618	105.05	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	588271	107.27	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	371792	97.05	ug/l	99
56) Ethyl methacrylate	9.19	69	601643	98.37	ug/l	100
57) 1,3-Dichloropropane	9.38	76	613447	95.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1400764	494.85	ug/l	99
59) 2-Hexanone	9.51	43	2281299	486.14	ug/l	99
60) Dibromochloromethane	9.59	129	427321	110.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	395967	99.13	ug/l	99
64) Tetrachloroethene	9.34	164	450288	99.68	ug/l	99
65) Chlorobenzene	10.15	112	1061515	97.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	403486	102.24	ug/l	100
67) Ethyl Benzene	10.26	91	1859301	101.94	ug/l	99
68) m/p-Xylenes	10.37	106	1451404	204.70	ug/l	99
69) o-Xylene	10.70	106	708280	100.38	ug/l	99
70) Styrene	10.72	104	1204801	104.45	ug/l	100
71) Bromoform	10.87	173	355728	113.70	ug/l	100
73) Isopropylbenzene	11.02	105	1930630	97.15	ug/l	100
74) N-amyl acetate	6.47	43	937271	87.53	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	557925	89.26	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	567274m	98.99	ug/l	
77) Bromobenzene	11.26	156	526399	94.35	ug/l	99
78) n-propylbenzene	11.37	91	2224316	100.70	ug/l	99
79) 2-Chlorotoluene	11.43	91	1306805	93.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1661700	97.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	189221	105.81	ug/l	98
82) 4-Chlorotoluene	11.52	91	1563861	97.14	ug/l	100
83) tert-Butylbenzene	11.77	119	1616656	97.40	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1703066	97.06	ug/l	100
85) sec-Butylbenzene	11.95	105	2000312	102.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	1824326	102.92	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	963209	96.56	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	975713	94.89	ug/l	99
89) n-Butylbenzene	12.39	91	1627809	109.50	ug/l	99
90) Hexachloroethane	12.60	117	305985	108.14	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	965531	93.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	137563	100.64	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	719060	99.36	ug/l	100
94) Hexachlorobutadiene	13.79	225	388538	108.64	ug/l	99
95) Naphthalene	13.84	128	2002913	96.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	719137	97.43	ug/l	100

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

