

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003905.D
 Acq On : 08 Aug 2018 03:38
 Operator : JC/MD
 Sample : VX0807WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:06:16 PM

Quant Time: Aug 08 05:05:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	491024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	464579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259416	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	219845	51.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.18%	
35) Dibromofluoromethane	5.51	113	181586	48.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.62%	
50) Toluene-d8	8.72	98	709638	49.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	253361	54.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66818	20.31	ug/l	100
3) Chloromethane	1.32	50	86593	19.35	ug/l	100
4) Vinyl Chloride	1.40	62	88663	19.86	ug/l	100
5) Bromomethane	1.64	94	54821	20.89	ug/l	100
6) Chloroethane	1.72	64	71945	25.19	ug/l	96
7) Trichlorofluoromethane	1.93	101	118504	20.11	ug/l	98
8) Diethyl Ether	2.19	74	52924	19.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71627	19.45	ug/l	99
10) Methyl Iodide	2.51	142	89905	19.62	ug/l	100
11) Tert butyl alcohol	3.07	59	103825	100.41	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69312	19.89	ug/l	100
13) Acrolein	2.29	56	50867	91.42	ug/l	98
14) Allyl chloride	2.73	41	129951	19.35	ug/l	100
15) Acrylonitrile	3.15	53	249855	101.27	ug/l	100
16) Acetone	2.45	43	252995	98.83	ug/l	99
17) Carbon Disulfide	2.57	76	187212	19.23	ug/l	100
18) Methyl Acetate	2.78	43	116088	20.83	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	252335	20.44	ug/l	99
20) Methylene Chloride	2.85	84	84663	19.89	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	76646	19.38	ug/l	99
22) Diisopropyl ether	3.87	45	249911	20.24	ug/l	98
23) Vinyl Acetate	3.82	43	1013845	98.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	150495	20.52	ug/l	100
25) 2-Butanone	4.71	43	388302	100.89	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60761	11.49	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	85852	20.00	ug/l	95
28) Bromochloromethane	5.02	49	63230	20.15	ug/l	98
29) Tetrahydrofuran	5.17	42	199264	100.73	ug/l	99
30) Chloroform	5.22	83	142861	20.69	ug/l	99
31) Cyclohexane	5.57	56	120941	19.50	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	117954	20.37	ug/l	98
36) 1,1-Dichloropropene	5.80	75	104925	19.08	ug/l	99
37) Ethyl Acetate	4.86	43	117880	19.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	100933	19.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116909	18.03	ug/l	99
40) Benzene	6.14	78	328037	19.86	ug/l	100
41) Methacrylonitrile	5.06	41	65433	19.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112973	20.23	ug/l	99
43) Isopropyl Acetate	6.47	43	175696	19.30	ug/l	99
44) Trichloroethene	7.21	130	85363	18.90	ug/l	94
45) 1,2-Dichloropropane	7.52	63	81762	19.17	ug/l	100
46) Dibromomethane	7.67	93	54291	19.61	ug/l	100
47) Bromodichloromethane	7.90	83	100922	19.35	ug/l	99
48) Methyl methacrylate	7.78	41	89945	19.44	ug/l	98
49) 1,4-Dioxane	7.76	88	43359	397.74	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	764698	101.34	ug/l	99
52) Toluene	8.79	92	207067	19.84	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102090	17.32	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	114695	18.04	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	84583	19.84	ug/l	98
56) Ethyl methacrylate	9.18	69	117638	19.02	ug/l	99
57) 1,3-Dichloropropane	9.37	76	142548	19.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	307270	101.01	ug/l	100
59) 2-Hexanone	9.50	43	576583	102.22	ug/l	99
60) Dibromochloromethane	9.59	129	79179	19.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	86581	20.28	ug/l	99
64) Tetrachloroethene	9.34	164	85325	18.67	ug/l	93
65) Chlorobenzene	10.14	112	230548	19.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	80851	19.46	ug/l	99
67) Ethyl Benzene	10.26	91	379236	19.16	ug/l	99
68) m/p-Xylenes	10.36	106	301327	38.97	ug/l	97
69) o-Xylene	10.70	106	143264	19.63	ug/l	96
70) Styrene	10.71	104	238944	19.99	ug/l	98
71) Bromoform	10.86	173	59614	18.85	ug/l #	99
73) Isopropylbenzene	11.02	105	385598	20.09	ug/l	97
74) N-amyl acetate	6.47	43	175696	17.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	130749	19.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	114269m	19.94	ug/l	
77) Bromobenzene	11.26	156	101644	19.85	ug/l	100
78) n-propylbenzene	11.36	91	434536	20.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	262361	19.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314695	20.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	29588	15.64	ug/l	95
82) 4-Chlorotoluene	11.51	91	307369	19.97	ug/l	99
83) tert-Butylbenzene	11.77	119	307361	19.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	328706	20.89	ug/l	99
85) sec-Butylbenzene	11.95	105	364087	20.04	ug/l	99
86) p-Isopropyltoluene	12.07	119	322835	19.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183990	19.44	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	185531	20.29	ug/l	98
89) n-Butylbenzene	12.39	91	233567	16.44	ug/l	99
90) Hexachloroethane	12.60	117	45554	17.21	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	165786	17.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22858	16.96	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120165	17.81	ug/l	96
94) Hexachlorobutadiene	13.79	225	58119	19.79	ug/l	98
95) Naphthalene	13.83	128	396263	20.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135244	20.09	ug/l	98

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

