

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002299.D
 Acq On : 05 Jun 2018 12:25
 Operator : JC/MD
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:42 PM

Quant Time: Jun 06 04:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235996	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	187702	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	140318	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	8.72	98	548446	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
62) 4-Bromofluorobenzene	11.14	95	207667	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60812	21.060	ug/l	99
3) Chloromethane	1.33	50	70973	19.712	ug/l	99
4) Vinyl Chloride	1.41	62	74356	20.432	ug/l	100
5) Bromomethane	1.65	94	48476	21.645	ug/l	99
6) Chloroethane	1.73	64	46228	19.637	ug/l	99
7) Trichlorofluoromethane	1.94	101	119524	21.556	ug/l	98
8) Diethyl Ether	2.20	74	44229	21.060	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69518	23.233	ug/l	100
10) Methyl Iodide	2.52	142	74668	17.741	ug/l	99
11) Tert butyl alcohol	3.07	59	89777	98.267	ug/l	100
12) 1,1-Dichloroethene	2.39	96	59990	20.287	ug/l	95
13) Acrolein	2.30	56	43724	105.209	ug/l	99
14) Allyl chloride	2.73	41	121807	18.981	ug/l	99
15) Acrylonitrile	3.15	53	186782	104.861	ug/l	99
16) Acetone	2.45	43	193275	101.768	ug/l	99
17) Carbon Disulfide	2.58	76	142205	18.246	ug/l	98
18) Methyl Acetate	2.78	43	88779	20.729	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	228563	20.799	ug/l	99
20) Methylene Chloride	2.87	84	69174	20.388	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	63895	19.594	ug/l	98
22) Diisopropyl ether	3.88	45	239381	21.480	ug/l	97
23) Vinyl Acetate	3.83	43	1049420	100.873	ug/l	100
24) 1,1-Dichloroethane	3.70	63	125647	19.810	ug/l	98
25) 2-Butanone	4.71	43	249886	91.749	ug/l	99
26) 2,2-Dichloropropane	4.60	77	87301	17.608	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66252	18.681	ug/l	95
28) Bromochloromethane	5.03	49	56121	18.566	ug/l	99
29) Tetrahydrofuran	5.17	42	159847	91.029	ug/l	99
30) Chloroform	5.22	83	114593	18.723	ug/l	97
31) Cyclohexane	5.59	56	102602	20.457	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	98057	18.891	ug/l	98
36) 1,1-Dichloropropene	5.81	75	83530	20.259	ug/l	99
37) Ethyl Acetate	4.87	43	96712	19.504	ug/l	99
38) Carbon Tetrachloride	5.79	117	85432	19.806	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106434	21.047	ug/l	99
40) Benzene	6.15	78	254125	20.101	ug/l	100
41) Methacrylonitrile	5.07	41	55217	19.452	ug/l	99
42) 1,2-Dichloroethane	6.21	62	102009	20.309	ug/l	99
43) Isopropyl Acetate	6.47	43	161464	19.171	ug/l	99
44) Trichloroethene	7.22	130	72085	20.544	ug/l	97
45) 1,2-Dichloropropane	7.52	63	65818	19.284	ug/l	99
46) Dibromomethane	7.66	93	44464	19.218	ug/l	98
47) Bromodichloromethane	7.90	83	78663	18.798	ug/l	98
48) Methyl methacrylate	7.78	41	82540	19.510	ug/l	100
49) 1,4-Dioxane	7.76	88	32577	411.836	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	513332	97.872	ug/l	100
52) Toluene	8.79	92	165234	20.550	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	96635	19.257	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	89119	18.824	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	67900	20.532	ug/l	98
56) Ethyl methacrylate	9.18	69	101903	19.300	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110793	19.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	242052	99.050	ug/l	100
59) 2-Hexanone	9.50	43	396578	97.891	ug/l	99
60) Dibromochloromethane	9.59	129	63402	19.060	ug/l	99
61) 1,2-Dibromoethane	9.68	107	69357	20.114	ug/l	99
64) Tetrachloroethene	9.34	164	82327	21.159	ug/l	98
65) Chlorobenzene	10.14	112	187234	19.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	65308	19.213	ug/l	100
67) Ethyl Benzene	10.26	91	322817	20.548	ug/l	100
68) m/p-Xylenes	10.37	106	248299	40.658	ug/l	98
69) o-Xylene	10.70	106	121963	20.068	ug/l	99
70) Styrene	10.72	104	199203	20.050	ug/l	99
71) Bromoform	10.86	173	46378	17.639	ug/l #	99
73) Isopropylbenzene	11.02	105	329769	20.087	ug/l	99
74) N-amyl acetate	6.47	43	161464	18.253	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	96276	18.646	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	84277m	16.275	ug/l	
77) Bromobenzene	11.26	156	90069	19.542	ug/l	98
78) n-propylbenzene	11.37	91	378769	20.758	ug/l	100
79) 2-Chlorotoluene	11.43	91	222695	19.328	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	283291	20.118	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23946	16.210	ug/l	89
82) 4-Chlorotoluene	11.51	91	263450	19.810	ug/l	100
83) tert-Butylbenzene	11.77	119	273115	19.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	289975	20.005	ug/l	99
85) sec-Butylbenzene	11.95	105	343625	21.376	ug/l	100
86) p-Isopropyltoluene	12.07	119	311322	21.262	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	163777	19.874	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	166067	19.551	ug/l	99
89) n-Butylbenzene	12.39	91	264108	21.507	ug/l	100
90) Hexachloroethane	12.60	117	42064	17.997	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	167149	19.604	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19803	17.538	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	120874	20.218	ug/l	99
94) Hexachlorobutadiene	13.79	225	64411	21.802	ug/l	99
95) Naphthalene	13.84	128	339116	19.742	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123993	20.336	ug/l	100

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

