

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030719\
 Data File : VX007902.D
 Acq On : 08 Mar 2019 00:17
 Operator : JC/SP
 Sample : VX0307WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:03 AM

Quant Time: Mar 08 07:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165657	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	139673	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
35) Dibromofluoromethane	5.50	113	121917	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	451730	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	157736	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42966	19.378	ug/l	100
3) Chloromethane	1.33	50	59084	20.678	ug/l	99
4) Vinyl Chloride	1.41	62	58084	20.458	ug/l	99
5) Bromomethane	1.64	94	29420	21.437	ug/l	98
6) Chloroethane	1.73	64	37105	19.673	ug/l	98
7) Trichlorofluoromethane	1.93	101	73653	19.925	ug/l	98
8) Diethyl Ether	2.19	74	32972	20.599	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43599	19.033	ug/l	100
10) Methyl Iodide	2.51	142	67754	20.849	ug/l	99
11) Tert butyl alcohol	3.07	59	67371	110.039	ug/l	100
12) 1,1-Dichloroethene	2.38	96	43939	19.899	ug/l	97
13) Acrolein	2.30	56	31216	91.082	ug/l	100
14) Allyl chloride	2.73	41	90761	19.561	ug/l	100
15) Acrylonitrile	3.15	53	161170	104.292	ug/l	100
16) Acetone	2.45	43	132650	83.711	ug/l	100
17) Carbon Disulfide	2.57	76	136372	20.069	ug/l	100
18) Methyl Acetate	2.78	43	81524	24.217	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	160261	21.097	ug/l	99
20) Methylene Chloride	2.86	84	52343	20.755	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	48063	19.782	ug/l	98
22) Diisopropyl ether	3.87	45	178691	21.009	ug/l	99
23) Vinyl Acetate	3.82	43	769116	103.120	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94088	20.556	ug/l	99
25) 2-Butanone	4.70	43	220077	98.100	ug/l	99
26) 2,2-Dichloropropane	4.59	77	46954	15.484	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	55916	20.113	ug/l	99
28) Bromochloromethane	5.02	49	45062	21.117	ug/l	99
29) Tetrahydrofuran	5.15	42	145697	104.117	ug/l	100
30) Chloroform	5.21	83	90764	20.963	ug/l	100
31) Cyclohexane	5.57	56	82309	19.566	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	72751	20.252	ug/l	100
36) 1,1-Dichloropropene	5.80	75	67174	19.247	ug/l	98
37) Ethyl Acetate	4.85	43	83727	20.216	ug/l	100
38) Carbon Tetrachloride	5.78	117	63523	19.172	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78196	18.490	ug/l	99
40) Benzene	6.14	78	209522	20.165	ug/l	99
41) Methacrylonitrile	5.06	41	45765	20.268	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69412	20.428	ug/l	100
43) Isopropyl Acetate	6.46	43	124453	20.304	ug/l	100
44) Trichloroethene	7.21	130	55591	19.415	ug/l	100
45) 1,2-Dichloropropane	7.51	63	56325	20.525	ug/l	99
46) Dibromomethane	7.66	93	35384	20.374	ug/l	99
47) Bromodichloromethane	7.90	83	65431	19.872	ug/l	97
48) Methyl methacrylate	7.77	41	66287	20.569	ug/l	99
49) 1,4-Dioxane	7.75	88	26620	402.112	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	418434	106.150	ug/l	100
52) Toluene	8.79	92	127751	20.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65410	19.033	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	76034	19.592	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	53613	20.878	ug/l	99
56) Ethyl methacrylate	9.18	69	82253	21.334	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89540	20.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	218050	109.331	ug/l	100
59) 2-Hexanone	9.49	43	314502	102.764	ug/l	99
60) Dibromochloromethane	9.58	129	54795	20.415	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56124	20.585	ug/l	100
64) Tetrachloroethene	9.34	164	51419	18.263	ug/l	97
65) Chlorobenzene	10.13	112	138835	19.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	50631	19.871	ug/l	99
67) Ethyl Benzene	10.25	91	233256	19.932	ug/l	100
68) m/p-Xylenes	10.36	106	179079	39.700	ug/l	99
69) o-Xylene	10.69	106	87153	20.013	ug/l	100
70) Styrene	10.71	104	143843	20.185	ug/l	100
71) Bromoform	10.85	173	42863	19.589	ug/l	# 100
73) Isopropylbenzene	11.02	105	231907	20.699	ug/l	100
74) N-amyl acetate	10.90	43	107955	21.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81693	21.139	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	76950m	22.136	ug/l	
77) Bromobenzene	11.26	156	62907	20.480	ug/l	100
78) n-propylbenzene	11.36	91	255881	20.587	ug/l	100
79) 2-Chlorotoluene	11.42	91	156189	20.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	190555	20.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19536	17.964	ug/l	92
82) 4-Chlorotoluene	11.51	91	176952	20.318	ug/l	99
83) tert-Butylbenzene	11.77	119	192096	20.681	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	195175	20.647	ug/l	100
85) sec-Butylbenzene	11.94	105	224125	20.488	ug/l	99
86) p-Isopropyltoluene	12.06	119	201064	20.523	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	107404	19.765	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	107836	19.377	ug/l	99
89) n-Butylbenzene	12.38	91	162600	19.590	ug/l	98
90) Hexachloroethane	12.60	117	32723	19.977	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	107746	19.959	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16095	19.928	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73016	19.253	ug/l	99
94) Hexachlorobutadiene	13.78	225	39136	19.738	ug/l	100
95) Naphthalene	13.83	128	219753	20.111	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	74205	19.642	ug/l	99

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

