

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006887.D
 Acq On : 03 Jan 2019 11:52
 Operator : JC/MD
 Sample : VX0103WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:20 AM

Quant Time: Jan 04 00:45:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	549736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	819302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	363958	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	287967	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.20%		
35) Dibromofluoromethane	5.51	113	259472	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.16%		
50) Toluene-d8	8.71	98	954021	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.68%		
62) 4-Bromofluorobenzene	11.13	95	335608	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.82%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	77494	15.409	ug/l	98
3) Chloromethane	1.33	50	86756	16.012	ug/l	99
4) Vinyl Chloride	1.41	62	95641	16.901	ug/l	100
5) Bromomethane	1.64	94	98355	17.375	ug/l	100
6) Chloroethane	1.71	64	66195	16.894	ug/l	99
7) Trichlorofluoromethane	1.93	101	159872	18.121	ug/l	97
8) Diethyl Ether	2.19	74	65834	18.787	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97654	18.852	ug/l	98
10) Methyl Iodide	2.51	142	133921	18.061	ug/l	99
11) Tert butyl alcohol	3.08	59	134929	102.044	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85364	17.380	ug/l	98
13) Acrolein	2.29	56	71975	80.689	ug/l	97
14) Allyl chloride	2.73	41	159407	19.281	ug/l	98
15) Acrylonitrile	3.15	53	296103	100.859	ug/l	99
16) Acetone	2.45	43	265234	97.439	ug/l	99
17) Carbon Disulfide	2.57	76	180257	13.868	ug/l	98
18) Methyl Acetate	2.78	43	177923	22.229	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	332260	20.381	ug/l	99
20) Methylene Chloride	2.85	84	104902	18.637	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	92794	17.051	ug/l	99
22) Diisopropyl ether	3.87	45	312736	20.677	ug/l	95
23) Vinyl Acetate	3.82	43	1226083	99.103	ug/l	98
24) 1,1-Dichloroethane	3.70	63	170041	18.833	ug/l	97
25) 2-Butanone	4.70	43	378669	98.898	ug/l	98
26) 2,2-Dichloropropane	4.59	77	129232	18.529	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	113592	18.918	ug/l	99
28) Bromochloromethane	5.02	49	78103	19.386	ug/l	99
29) Tetrahydrofuran	5.15	42	251468	99.716	ug/l	98
30) Chloroform	5.22	83	178411	19.081	ug/l	98
31) Cyclohexane	5.57	56	137234	16.731	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	149408	18.924	ug/l	98
36) 1,1-Dichloropropene	5.80	75	120407	17.744	ug/l	100
37) Ethyl Acetate	4.85	43	144584	20.472	ug/l	99
38) Carbon Tetrachloride	5.77	117	124245	18.840	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148702	16.645	ug/l	97
40) Benzene	6.14	78	394591	19.130	ug/l	100
41) Methacrylonitrile	5.06	41	80922	21.581	ug/l	98
42) 1,2-Dichloroethane	6.20	62	135739	19.313	ug/l	100
43) Isopropyl Acetate	6.46	43	228380	21.252	ug/l	99
44) Trichloroethene	7.21	130	114307	18.310	ug/l	100
45) 1,2-Dichloropropane	7.52	63	101643	20.250	ug/l	96
46) Dibromomethane	7.66	93	71607	19.395	ug/l	98
47) Bromodichloromethane	7.90	83	119026	19.418	ug/l	100
48) Methyl methacrylate	7.77	41	115119	21.066	ug/l	97
49) 1,4-Dioxane	7.75	88	55377	374.872	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	729957	106.758	ug/l	97
52) Toluene	8.78	92	252936	18.981	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132880	20.213	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	145991	20.239	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	110011	20.169	ug/l	96
56) Ethyl methacrylate	9.18	69	154982	20.104	ug/l	95
57) 1,3-Dichloropropane	9.37	76	174476	19.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	429065	104.705	ug/l	100
59) 2-Hexanone	9.49	43	537990	102.837	ug/l	100
60) Dibromochloromethane	9.58	129	103820	19.677	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116674	20.123	ug/l	98
64) Tetrachloroethene	9.34	164	117626	20.542	ug/l	98
65) Chlorobenzene	10.14	112	293907	19.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102278	21.428	ug/l	100
67) Ethyl Benzene	10.25	91	472004	18.881	ug/l	100
68) m/p-Xylenes	10.36	106	375620	38.078	ug/l	98
69) o-Xylene	10.69	106	187089	19.206	ug/l	98
70) Styrene	10.71	104	296052	19.211	ug/l	99
71) Bromoform	10.86	173	74483	20.217	ug/l	99
73) Isopropylbenzene	11.02	105	491588	19.743	ug/l	98
74) N-amyl acetate	10.90	43	198226	22.242	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	157253	21.236	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	146936m	21.724	ug/l	
77) Bromobenzene	11.26	156	134551	19.988	ug/l	98
78) n-propylbenzene	11.36	91	537013	19.585	ug/l	99
79) 2-Chlorotoluene	11.42	91	323259	19.455	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	404755	19.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36863	19.414	ug/l	94
82) 4-Chlorotoluene	11.51	91	372747	19.557	ug/l	100
83) tert-Butylbenzene	11.77	119	401175	19.545	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	414953	19.236	ug/l	100
85) sec-Butylbenzene	11.94	105	483702	19.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	432560	19.554	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235791	19.435	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	237238	19.075	ug/l	98
89) n-Butylbenzene	12.39	91	357731	19.001	ug/l	99
90) Hexachloroethane	12.60	117	59027	19.219	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	237066	19.534	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31102	20.299	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159322	19.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	69202	17.538	ug/l	99
95) Naphthalene	13.83	128	501351	18.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	157492	18.221	ug/l	99

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

