

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002735.D
 Acq On : 20 Jun 2018 12:22
 Operator : JC/MD
 Sample : VX0620WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS01

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:24 AM

Quant Time: Jun 21 04:11:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234593	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193592	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	5.50	113	154378	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.72	98	571010	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	216875	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	55993	18.56	ug/l	100
3) Chloromethane	1.32	50	58294	16.24	ug/l	99
4) Vinyl Chloride	1.40	62	64343	17.28	ug/l	97
5) Bromomethane	1.64	94	35312	15.72	ug/l	96
6) Chloroethane	1.73	64	42217	17.20	ug/l	98
7) Trichlorofluoromethane	1.93	101	110813	18.32	ug/l	96
8) Diethyl Ether	2.19	74	38369	16.67	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63705	18.84	ug/l	99
10) Methyl Iodide	2.51	142	46619	14.34	ug/l	99
11) Tert butyl alcohol	3.07	59	72423	81.13	ug/l	97
12) 1,1-Dichloroethene	2.37	96	55271	17.41	ug/l	95
13) Acrolein	2.29	56	36578	91.86	ug/l	100
14) Allyl chloride	2.73	41	106522	16.90	ug/l	98
15) Acrylonitrile	3.15	53	159130	81.69	ug/l	100
16) Acetone	2.45	43	176332	92.55	ug/l	99
17) Carbon Disulfide	2.57	76	139396	18.51	ug/l	98
18) Methyl Acetate	2.78	43	86086	16.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	196406	16.49	ug/l	100
20) Methylene Chloride	2.86	84	60978	15.61	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57568	16.71	ug/l	99
22) Diisopropyl ether	3.87	45	206631	18.12	ug/l	96
23) Vinyl Acetate	3.82	43	889755	93.20	ug/l	100
24) 1,1-Dichloroethane	3.70	63	112393	18.15	ug/l	100
25) 2-Butanone	4.71	43	229139	91.58	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84081	18.90	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	62978	17.97	ug/l	96
28) Bromochloromethane	5.03	49	53651	18.51	ug/l	94
29) Tetrahydrofuran	5.16	42	140715	85.81	ug/l	98
30) Chloroform	5.22	83	109126	18.28	ug/l	100
31) Cyclohexane	5.57	56	94286	18.50	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	96492	19.33	ug/l	100
36) 1,1-Dichloropropene	5.80	75	80631	19.68	ug/l	99
37) Ethyl Acetate	4.86	43	86581	18.67	ug/l	99
38) Carbon Tetrachloride	5.78	117	85424	20.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97188	20.30	ug/l	98
40) Benzene	6.15	78	235032	19.14	ug/l	99
41) Methacrylonitrile	5.06	41	49479	18.90	ug/l	98
42) 1,2-Dichloroethane	6.20	62	91579	19.26	ug/l	100
43) Isopropyl Acetate	6.46	43	141144	18.37	ug/l	100
44) Trichloroethene	7.21	130	68883	19.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61493	19.02	ug/l	99
46) Dibromomethane	7.67	93	43043	19.91	ug/l	99
47) Bromodichloromethane	7.90	83	77871	20.42	ug/l	100
48) Methyl methacrylate	7.78	41	73650	18.76	ug/l	99
49) 1,4-Dioxane	7.76	88	27236	366.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	458616	92.99	ug/l	99
52) Toluene	8.79	92	153971	19.65	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90202	19.41	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	82544	19.25	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61710	19.49	ug/l	97
56) Ethyl methacrylate	9.18	69	90707	18.62	ug/l	98
57) 1,3-Dichloropropane	9.37	76	102030	19.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	169861	72.08	ug/l	99
59) 2-Hexanone	9.50	43	356117	95.82	ug/l	98
60) Dibromochloromethane	9.59	129	61553	19.74	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65208	19.89	ug/l	99
64) Tetrachloroethene	9.34	164	78069	19.09	ug/l	98
65) Chlorobenzene	10.14	112	179174	19.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63240	20.50	ug/l	99
67) Ethyl Benzene	10.26	91	301143	19.73	ug/l	100
68) m/p-Xylenes	10.36	106	233258	39.62	ug/l	100
69) o-Xylene	10.70	106	111775	19.32	ug/l	99
70) Styrene	10.71	104	187209	19.68	ug/l	99
71) Bromoform	10.86	173	45965	19.62	ug/l #	99
73) Isopropylbenzene	11.02	105	306911	19.56	ug/l	100
74) N-amyl acetate	6.46	43	141144	18.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	91012	19.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81612m	18.44	ug/l	
77) Bromobenzene	11.26	156	84052	19.23	ug/l	98
78) n-propylbenzene	11.36	91	353500	19.65	ug/l	99
79) 2-Chlorotoluene	11.42	91	206289	19.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	260870	19.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23109	19.49	ug/l	93
82) 4-Chlorotoluene	11.51	91	248509	19.60	ug/l	100
83) tert-Butylbenzene	11.77	119	250757	19.63	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	269339	19.91	ug/l	99
85) sec-Butylbenzene	11.95	105	316207	19.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	285749	19.88	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	156348	19.50	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	160784	19.71	ug/l	99
89) n-Butylbenzene	12.39	91	248579	19.61	ug/l	100
90) Hexachloroethane	12.60	117	38528	18.92	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	154883	19.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19760	20.36	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	115989	19.81	ug/l	100
94) Hexachlorobutadiene	13.79	225	61430	19.92	ug/l	98
95) Naphthalene	13.84	128	313127	19.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116435	19.80	ug/l	100

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

