

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002739.D
 Acq On : 20 Jun 2018 14:07
 Operator : JC/MD
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:29 AM

Quant Time: Jun 21 04:32:33 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	236192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152006	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	
35) Dibromofluoromethane	5.51	113	119397	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	8.72	98	436197	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.14	95	163891	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48420	19.31	ug/l	98
3) Chloromethane	1.32	50	51196	17.16	ug/l	100
4) Vinyl Chloride	1.40	62	55197	17.83	ug/l	100
5) Bromomethane	1.64	94	32111	17.19	ug/l	96
6) Chloroethane	1.72	64	37336	18.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	95901	19.07	ug/l	98
8) Diethyl Ether	2.19	74	33754	17.65	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53985	19.21	ug/l	99
10) Methyl Iodide	2.51	142	49589	16.90	ug/l	99
11) Tert butyl alcohol	3.08	59	70867	95.51	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46459	17.60	ug/l	99
13) Acrolein	2.29	56	41334	122.43	ug/l	99
14) Allyl chloride	2.73	41	94134	17.96	ug/l	100
15) Acrylonitrile	3.15	53	149446	92.30	ug/l	98
16) Acetone	2.45	43	157130	99.23	ug/l	99
17) Carbon Disulfide	2.57	76	119720	19.13	ug/l	97
18) Methyl Acetate	2.78	43	79679	18.89	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	174347	17.61	ug/l	99
20) Methylene Chloride	2.86	84	54275	16.72	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	51228	17.89	ug/l	99
22) Diisopropyl ether	3.88	45	173098	18.26	ug/l	99
23) Vinyl Acetate	3.83	43	731555	92.20	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96547	18.76	ug/l	99
25) 2-Butanone	4.71	43	208119	100.08	ug/l	98
26) 2,2-Dichloropropane	4.59	77	71105	19.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55925	19.20	ug/l	97
28) Bromochloromethane	5.02	49	44855	18.61	ug/l	97
29) Tetrahydrofuran	5.17	42	130416	95.69	ug/l	97
30) Chloroform	5.22	83	95494	19.25	ug/l	97
31) Cyclohexane	5.58	56	80232	18.94	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	82687	19.92	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68946	19.95	ug/l	99
37) Ethyl Acetate	4.87	43	77154	19.72	ug/l	98
38) Carbon Tetrachloride	5.79	117	73975	21.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79583	19.69	ug/l	97
40) Benzene	6.15	78	205716	19.85	ug/l	100
41) Methacrylonitrile	5.07	41	44213	20.01	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80848	20.15	ug/l	99
43) Isopropyl Acetate	6.47	43	124652	19.23	ug/l	99
44) Trichloroethene	7.22	130	59753	19.97	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54169	19.86	ug/l	97
46) Dibromomethane	7.67	93	37475	20.54	ug/l	99
47) Bromodichloromethane	7.90	83	67296	20.91	ug/l	97
48) Methyl methacrylate	7.78	41	64757	19.55	ug/l	98
49) 1,4-Dioxane	7.76	88	26615	424.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	417039	100.20	ug/l	99
52) Toluene	8.79	92	132519	20.04	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	78463	19.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70287	19.40	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54567	20.42	ug/l	99
56) Ethyl methacrylate	9.18	69	78604	19.12	ug/l	98
57) 1,3-Dichloropropane	9.38	76	89786	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	177541	89.28	ug/l	99
59) 2-Hexanone	9.50	43	319702	101.94	ug/l	98
60) Dibromochloromethane	9.59	129	53189	20.13	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57341	20.72	ug/l	99
64) Tetrachloroethene	9.34	164	64311	18.45	ug/l	100
65) Chlorobenzene	10.14	112	153064	19.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54688	20.80	ug/l	99
67) Ethyl Benzene	10.26	91	253190	19.46	ug/l	100
68) m/p-Xylenes	10.36	106	198910	39.64	ug/l	99
69) o-Xylene	10.70	106	94949	19.26	ug/l	100
70) Styrene	10.71	104	158242	19.52	ug/l	98
71) Bromoform	10.86	173	40546	20.14	ug/l	99
73) Isopropylbenzene	11.02	105	257704	19.94	ug/l	100
74) N-amyl acetate	6.47	43	124652	19.41	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	81688	21.40	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79732m	21.87	ug/l	
77) Bromobenzene	11.26	156	73100	20.30	ug/l	96
78) n-propylbenzene	11.37	91	292240	19.72	ug/l	99
79) 2-Chlorotoluene	11.43	91	175078	19.78	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	216948	19.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19196	19.62	ug/l	90
82) 4-Chlorotoluene	11.51	91	207335	19.86	ug/l	99
83) tert-Butylbenzene	11.77	119	213494	20.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223603	20.06	ug/l	99
85) sec-Butylbenzene	11.95	105	259985	19.87	ug/l	99
86) p-Isopropyltoluene	12.07	119	232658	19.65	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	130240	19.72	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133792	19.91	ug/l	99
89) n-Butylbenzene	12.39	91	197457	18.91	ug/l	99
90) Hexachloroethane	12.60	117	32174	19.15	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	131691	19.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16872	21.11	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	94071	19.50	ug/l	99
94) Hexachlorobutadiene	13.79	225	48970	19.27	ug/l	99
95) Naphthalene	13.84	128	265220	20.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96857	19.99	ug/l	99

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

