

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002785.D
 Acq On : 21 Jun 2018 13:50
 Operator : JC/MD
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:59:21 PM

Quant Time: Jun 22 01:28:42 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	242113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158687	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	5.51	113	125908	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	8.72	98	450783	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
62) 4-Bromofluorobenzene	11.14	95	170251	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46222	17.98	ug/l	100
3) Chloromethane	1.32	50	48333	15.81	ug/l	98
4) Vinyl Chloride	1.40	62	52244	16.47	ug/l	98
5) Bromomethane	1.64	94	25211	13.17	ug/l	99
6) Chloroethane	1.72	64	38055	18.20	ug/l	99
7) Trichlorofluoromethane	1.93	101	91704	17.79	ug/l	99
8) Diethyl Ether	2.19	74	32931	16.80	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52730	18.30	ug/l	99
10) Methyl Iodide	2.51	142	38201	13.99	ug/l	99
11) Tert butyl alcohol	3.08	59	69599	91.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46455	17.17	ug/l	99
13) Acrolein	2.29	56	29349	86.91	ug/l	99
14) Allyl chloride	2.73	41	91676	17.07	ug/l	98
15) Acrylonitrile	3.15	53	142591	85.91	ug/l	98
16) Acetone	2.45	43	148758	91.64	ug/l	99
17) Carbon Disulfide	2.57	76	118407	18.45	ug/l	99
18) Methyl Acetate	2.78	43	80847	18.70	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	169411	16.69	ug/l	100
20) Methylene Chloride	2.86	84	54300	16.31	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49050	16.71	ug/l	94
22) Diisopropyl ether	3.87	45	170025	17.50	ug/l	95
23) Vinyl Acetate	3.83	43	724348	89.05	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96975	18.39	ug/l	99
25) 2-Butanone	4.71	43	206014	96.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	71949	18.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54197	18.15	ug/l	98
28) Bromochloromethane	5.02	49	38436	15.56	ug/l	95
29) Tetrahydrofuran	5.17	42	128366	91.88	ug/l	98
30) Chloroform	5.22	83	95692	18.81	ug/l	96
31) Cyclohexane	5.57	56	77739	17.90	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	82611	19.42	ug/l	99
36) 1,1-Dichloropropene	5.81	75	66921	19.13	ug/l	99
37) Ethyl Acetate	4.87	43	77533	19.58	ug/l	100
38) Carbon Tetrachloride	5.78	117	74185	21.30	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78257	19.14	ug/l	98
40) Benzene	6.15	78	201961	19.25	ug/l	100
41) Methacrylonitrile	5.06	41	43328	19.38	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81197	19.99	ug/l	99
43) Isopropyl Acetate	6.47	43	122685	18.70	ug/l	99
44) Trichloroethene	7.21	130	58014	19.16	ug/l	96
45) 1,2-Dichloropropane	7.52	63	52969	19.19	ug/l	99
46) Dibromomethane	7.67	93	36825	19.94	ug/l	96
47) Bromodichloromethane	7.90	83	68118	20.91	ug/l	99
48) Methyl methacrylate	7.78	41	63977	19.08	ug/l	97
49) 1,4-Dioxane	7.76	88	26333	414.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	412520	97.94	ug/l	99
52) Toluene	8.79	92	130279	19.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	75897	19.15	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	69588	19.04	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	53617	19.83	ug/l	98
56) Ethyl methacrylate	9.18	69	77211	18.56	ug/l	99
57) 1,3-Dichloropropane	9.38	76	88318	19.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	181615	90.24	ug/l	99
59) 2-Hexanone	9.50	43	316396	99.68	ug/l	98
60) Dibromochloromethane	9.59	129	54844	20.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	56334	20.12	ug/l	100
64) Tetrachloroethene	9.34	164	66256	18.84	ug/l	98
65) Chlorobenzene	10.14	112	149753	19.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54119	20.40	ug/l	99
67) Ethyl Benzene	10.26	91	249223	18.99	ug/l	99
68) m/p-Xylenes	10.36	106	195859	38.69	ug/l	98
69) o-Xylene	10.70	106	94331	18.97	ug/l	98
70) Styrene	10.71	104	156059	19.08	ug/l	99
71) Bromoform	10.86	173	41120	20.22	ug/l #	100
73) Isopropylbenzene	11.02	105	258536	19.53	ug/l	100
74) N-amyl acetate	6.47	43	122685	18.66	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80133	20.50	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78153m	20.93	ug/l	
77) Bromobenzene	11.26	156	72583	19.68	ug/l	96
78) n-propylbenzene	11.37	91	292663	19.28	ug/l	100
79) 2-Chlorotoluene	11.43	91	174582	19.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	216834	19.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19293	19.33	ug/l	91
82) 4-Chlorotoluene	11.51	91	205975	19.26	ug/l	99
83) tert-Butylbenzene	11.77	119	212150	19.69	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223135	19.55	ug/l	98
85) sec-Butylbenzene	11.95	105	257539	19.22	ug/l	100
86) p-Isopropyltoluene	12.07	119	232575	19.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	129269	19.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133615	19.42	ug/l	99
89) n-Butylbenzene	12.39	91	197368	18.45	ug/l	99
90) Hexachloroethane	12.60	117	32287	18.81	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131796	19.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16957	20.71	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	93759	18.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	49021	18.84	ug/l	99
95) Naphthalene	13.84	128	257388	19.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97172	19.59	ug/l	99

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

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