

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002760.D
 Acq On : 21 Jun 2018 00:19
 Operator : JC/MD
 Sample : VX0620WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:53 AM

Quant Time: Jun 21 06:52:09 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	239015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198102	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156308	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	
35) Dibromofluoromethane	5.51	113	126852	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	8.72	98	449575	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
62) 4-Bromofluorobenzene	11.14	95	168834	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	48933	19.28	ug/l	99
3) Chloromethane	1.32	50	47944	15.88	ug/l	98
4) Vinyl Chloride	1.40	62	55022	17.57	ug/l #	81
5) Bromomethane	1.64	94	26036	13.78	ug/l	98
6) Chloroethane	1.72	64	37054	17.95	ug/l	96
7) Trichlorofluoromethane	1.93	101	96942	19.05	ug/l	98
8) Diethyl Ether	2.19	74	34107	17.62	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53081	18.66	ug/l	99
10) Methyl Iodide	2.51	142	46677	16.08	ug/l	98
11) Tert butyl alcohol	3.08	59	70823	94.32	ug/l	97
12) 1,1-Dichloroethene	2.37	96	48234	18.06	ug/l	99
13) Acrolein	2.29	56	37708	111.05	ug/l	99
14) Allyl chloride	2.73	41	92682	17.48	ug/l	99
15) Acrylonitrile	3.15	53	151979	92.76	ug/l	100
16) Acetone	2.45	43	145652	90.89	ug/l	100
17) Carbon Disulfide	2.57	76	135590	21.41	ug/l	97
18) Methyl Acetate	2.78	43	84561	19.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	177136	17.68	ug/l	99
20) Methylene Chloride	2.86	84	54559	16.61	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51447	17.76	ug/l	96
22) Diisopropyl ether	3.88	45	174167	18.15	ug/l	99
23) Vinyl Acetate	3.83	43	750170	93.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101373	19.47	ug/l	99
25) 2-Butanone	4.71	43	210501	100.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51482	13.76	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	55892	18.96	ug/l	99
28) Bromochloromethane	5.02	49	45020	18.46	ug/l	95
29) Tetrahydrofuran	5.17	42	135982	98.59	ug/l	97
30) Chloroform	5.22	83	98906	19.70	ug/l	95
31) Cyclohexane	5.58	56	81001	18.89	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	86339	20.56	ug/l	100
36) 1,1-Dichloropropene	5.80	75	69533	19.24	ug/l	99
37) Ethyl Acetate	4.87	43	81323	19.88	ug/l	99
38) Carbon Tetrachloride	5.79	117	76778	21.34	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79971	18.93	ug/l	97
40) Benzene	6.15	78	209694	19.35	ug/l	96
41) Methacrylonitrile	5.07	41	45472	19.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	83073	19.80	ug/l	99
43) Isopropyl Acetate	6.48	43	128986	19.03	ug/l	98
44) Trichloroethene	7.21	130	60939	19.48	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54123	18.98	ug/l	99
46) Dibromomethane	7.67	93	39056	20.47	ug/l	99
47) Bromodichloromethane	7.90	83	71219	21.17	ug/l	98
48) Methyl methacrylate	7.78	41	66862	19.31	ug/l	98
49) 1,4-Dioxane	7.76	88	27298	416.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431977	99.28	ug/l	99
52) Toluene	8.79	92	133191	19.27	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	75062	18.44	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	69140	18.44	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55665	19.93	ug/l	99
56) Ethyl methacrylate	9.18	69	82189	19.12	ug/l	97
57) 1,3-Dichloropropane	9.38	76	91289	19.33	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	173670	83.54	ug/l	98
59) 2-Hexanone	9.50	43	330783	100.88	ug/l	99
60) Dibromochloromethane	9.59	129	57220	20.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57682	19.94	ug/l	98
64) Tetrachloroethene	9.34	164	67565	18.81	ug/l	98
65) Chlorobenzene	10.14	112	154546	19.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56439	20.83	ug/l	99
67) Ethyl Benzene	10.26	91	259635	19.37	ug/l	99
68) m/p-Xylenes	10.36	106	200614	38.80	ug/l	99
69) o-Xylene	10.70	106	97048	19.10	ug/l	99
70) Styrene	10.71	104	158564	18.98	ug/l	99
71) Bromoform	10.86	173	45482	21.49	ug/l #	97
73) Isopropylbenzene	11.02	105	263626	19.90	ug/l	99
74) N-amyl acetate	6.48	43	128986	19.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85865	21.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78909m	21.11	ug/l	
77) Bromobenzene	11.26	156	73596	19.94	ug/l	97
78) n-propylbenzene	11.37	91	296854	19.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	177920	19.61	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	218969	19.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15134	16.05	ug/l	88
82) 4-Chlorotoluene	11.51	91	210501	19.66	ug/l	99
83) tert-Butylbenzene	11.77	119	216800	20.10	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	227064	19.87	ug/l	98
85) sec-Butylbenzene	11.95	105	262052	19.54	ug/l	99
86) p-Isopropyltoluene	12.07	119	231662	19.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	132122	19.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133802	19.43	ug/l	99
89) n-Butylbenzene	12.39	91	194636	18.18	ug/l	99
90) Hexachloroethane	12.60	117	31825	18.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	134861	19.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17179	20.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94476	19.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	48229	18.52	ug/l	97
95) Naphthalene	13.84	128	274821	20.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100510	20.24	ug/l	98

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

