

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005243.D
 Acq On : 11 Oct 2018 09:26
 Operator : JC/MD
 Sample : VX1010WBS05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS05

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:03 AM

Quant Time: Oct 11 11:29:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	281323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183859	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133358	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
35) Dibromofluoromethane	5.51	113	118466	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	438620	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	11.14	95	169411	59.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.66%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	25699	10.18	ug/l	99
3) Chloromethane	1.32	50	45964	15.00	ug/l	98
4) Vinyl Chloride	1.40	62	39520	13.75	ug/l	100
5) Bromomethane	1.64	94	27402	16.08	ug/l	95
6) Chloroethane	1.71	64	25903	14.90	ug/l	97
7) Trichlorofluoromethane	1.92	101	43119	12.12	ug/l	91
8) Diethyl Ether	2.19	74	26332	17.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	21054	10.39	ug/l	98
10) Methyl Iodide	2.51	142	36277	13.38	ug/l	91
11) Tert butyl alcohol	3.08	59	73650	99.54	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29079	14.49	ug/l #	81
13) Acrolein	2.29	56	41551	78.93	ug/l	92
14) Allyl chloride	2.73	41	73320	16.74	ug/l	95
15) Acrylonitrile	3.15	53	154733	95.00	ug/l	96
16) Acetone	2.45	43	157657	102.05	ug/l	94
17) Carbon Disulfide	2.57	76	76921	12.75	ug/l	97
18) Methyl Acetate	2.78	43	82340	21.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	129926	18.77	ug/l	95
20) Methylene Chloride	2.85	84	41286	17.84	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	33012	15.03	ug/l	89
22) Diisopropyl ether	3.87	45	125703	17.05	ug/l	96
23) Vinyl Acetate	3.82	43	583383	86.42	ug/l	97
24) 1,1-Dichloroethane	3.70	63	72255	16.43	ug/l	98
25) 2-Butanone	4.71	43	205106	90.07	ug/l	98
26) 2,2-Dichloropropane	4.58	77	48227	15.74	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	37768	15.39	ug/l	95
28) Bromochloromethane	5.01	49	33792	16.31	ug/l	100
29) Tetrahydrofuran	5.16	42	129356	91.40	ug/l	99
30) Chloroform	5.21	83	66055	15.89	ug/l	100
31) Cyclohexane	5.57	56	34745	10.32	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	48370	14.25	ug/l	97
36) 1,1-Dichloropropene	5.80	75	38049	11.70	ug/l	94
37) Ethyl Acetate	4.86	43	68905	15.96	ug/l	97
38) Carbon Tetrachloride	5.77	117	41988	12.28	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	27733	8.35	ug/l #	84
40) Benzene	6.14	78	139066	13.66	ug/l	96
41) Methacrylonitrile	5.07	41	38860	16.23	ug/l	95
42) 1,2-Dichloroethane	6.20	62	56944	15.82	ug/l	97
43) Isopropyl Acetate	6.46	43	94719	15.20	ug/l	97
44) Trichloroethene	7.21	130	36086	14.41	ug/l	95
45) 1,2-Dichloropropane	7.52	63	39024	15.63	ug/l	99
46) Dibromomethane	7.66	93	27092	17.26	ug/l	99
47) Bromodichloromethane	7.90	83	49374	16.80	ug/l	98
48) Methyl methacrylate	7.78	41	49780	17.60	ug/l	99
49) 1,4-Dioxane	7.76	88	25130	357.58	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	361235	92.05	ug/l	98
52) Toluene	8.79	92	86278	15.42	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53052	15.98	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	58299	16.76	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41098	16.77	ug/l	95
56) Ethyl methacrylate	9.18	69	57743	16.55	ug/l	95
57) 1,3-Dichloropropane	9.37	76	67284	16.49	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	167349	88.96	ug/l	99
59) 2-Hexanone	9.50	43	289585	88.55	ug/l	93
60) Dibromochloromethane	9.59	129	40764	16.63	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41901	15.96	ug/l	93
64) Tetrachloroethene	9.34	164	32235	11.34	ug/l	97
65) Chlorobenzene	10.14	112	100582	13.58	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	38038	14.61	ug/l	98
67) Ethyl Benzene	10.25	91	150395	12.79	ug/l	93
68) m/p-Xylenes	10.36	106	119154	25.94	ug/l	95
69) o-Xylene	10.70	106	59541	14.11	ug/l	98
70) Styrene	10.71	104	103278	14.67	ug/l	99
71) Bromoform	10.86	173	33585	15.07	ug/l #	96
73) Isopropylbenzene	11.02	105	146748	12.66	ug/l	100
74) N-amyl acetate	10.90	43	81915	14.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67783	14.37	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	62419m	15.15	ug/l	
77) Bromobenzene	11.26	156	47473	14.10	ug/l	99
78) n-propylbenzene	11.36	91	167797	12.62	ug/l	99
79) 2-Chlorotoluene	11.42	91	113504	13.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	129974	12.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18417	13.69	ug/l	98
82) 4-Chlorotoluene	11.51	91	131370	13.47	ug/l	100
83) tert-Butylbenzene	11.77	119	122451	12.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	136510	12.31	ug/l	99
85) sec-Butylbenzene	11.94	105	136490	11.74	ug/l	100
86) p-Isopropyltoluene	12.07	119	124234	11.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82460	13.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	85827	13.23	ug/l	98
89) n-Butylbenzene	12.39	91	100748	10.54	ug/l	98
90) Hexachloroethane	12.60	117	21052	12.01	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	87376	13.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16401	15.83	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	58339	12.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	22064	9.23	ug/l	99
95) Naphthalene	13.83	128	194776	13.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63518	13.34	ug/l	100

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

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