

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005949.D
 Acq On : 13 Nov 2018 15:27
 Operator : JC/MD
 Sample : VX1113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2018 9:51:27 AM

Quant Time: Nov 14 04:08:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	97166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	128263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	119907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66874	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	63237	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	5.50	113	51464	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
50) Toluene-d8	8.71	98	167457	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
62) 4-Bromofluorobenzene	11.14	95	61487	58.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	17788	20.305	ug/l	94
3) Chloromethane	1.32	50	22381	19.466	ug/l #	88
4) Vinyl Chloride	1.40	62	20783	18.006	ug/l	99
5) Bromomethane	1.64	94	13806	19.546	ug/l	93
6) Chloroethane	1.72	64	13988	20.311	ug/l	91
7) Trichlorofluoromethane	1.93	101	30910	20.175	ug/l	98
8) Diethyl Ether	2.19	74	12615	21.013	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	18534	21.034	ug/l	97
10) Methyl Iodide	2.51	142	19705	18.452	ug/l	95
11) Tert butyl alcohol	3.07	59	30657	95.804	ug/l	100
12) 1,1-Dichloroethene	2.37	96	16654	19.391	ug/l	90
13) Acrolein	2.29	56	19895	139.561	ug/l	98
14) Allyl chloride	2.73	41	39233	20.454	ug/l	98
15) Acrylonitrile	3.15	53	67382	101.608	ug/l	97
16) Acetone	2.45	43	63268	105.193	ug/l	96
17) Carbon Disulfide	2.57	76	48541	18.948	ug/l	99
18) Methyl Acetate	2.78	43	36383	21.734	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	60612	20.678	ug/l	96
20) Methylene Chloride	2.86	84	19454	19.691	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	18042	19.917	ug/l	93
22) Diisopropyl ether	3.87	45	66976	19.932	ug/l	90
23) Vinyl Acetate	3.82	43	284746	98.834	ug/l	100
24) 1,1-Dichloroethane	3.70	63	36153	20.167	ug/l	100
25) 2-Butanone	4.70	43	93938	99.345	ug/l #	88
26) 2,2-Dichloropropane	4.59	77	27453	20.876	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	19511	19.506	ug/l	99
28) Bromochloromethane	5.01	49	17713	22.108	ug/l	99
29) Tetrahydrofuran	5.15	42	58678	96.649	ug/l	96
30) Chloroform	5.21	83	34372	19.873	ug/l	85
31) Cyclohexane	5.57	56	28430	18.269	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	29908	20.732	ug/l	100
36) 1,1-Dichloropropene	5.79	75	24509	19.822	ug/l	97
37) Ethyl Acetate	4.85	43	33531	20.622	ug/l	100
38) Carbon Tetrachloride	5.79	117	26220	21.182	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	25673	20.486	ug/l	93
40) Benzene	6.15	78	75432	20.926	ug/l	98
41) Methacrylonitrile	5.06	41	17576	20.004	ug/l	97
42) 1,2-Dichloroethane	6.20	62	29000	22.462	ug/l	98
43) Isopropyl Acetate	6.46	43	48735	20.685	ug/l	100
44) Trichloroethene	7.21	130	19376	21.166	ug/l	97
45) 1,2-Dichloropropane	7.52	63	19472	22.256	ug/l	97
46) Dibromomethane	7.66	93	11888	21.653	ug/l	99
47) Bromodichloromethane	7.90	83	23128	22.291	ug/l	98
48) Methyl methacrylate	7.77	41	23348	22.069	ug/l	97
49) 1,4-Dioxane	7.76	88	9300	407.949	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	163053	109.807	ug/l	99
52) Toluene	8.79	92	42604	21.148	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	24598	20.090	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	27430	21.979	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	17720	19.736	ug/l	97
56) Ethyl methacrylate	9.18	69	25541	19.012	ug/l	97
57) 1,3-Dichloropropane	9.37	76	29762	19.725	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	75599	108.131	ug/l	100
59) 2-Hexanone	9.49	43	127572	97.467	ug/l	98
60) Dibromochloromethane	9.59	129	18435	18.998	ug/l	98
61) 1,2-Dibromoethane	9.67	107	18333	18.466	ug/l	99
64) Tetrachloroethene	9.34	164	20150	19.738	ug/l	98
65) Chlorobenzene	10.14	112	47726	19.868	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	17955	21.500	ug/l	98
67) Ethyl Benzene	10.25	91	80247	20.833	ug/l	99
68) m/p-Xylenes	10.36	106	61134	41.609	ug/l	96
69) o-Xylene	10.70	106	29147	22.123	ug/l	98
70) Styrene	10.71	104	49138	22.609	ug/l	99
71) Bromoform	10.86	173	15089	21.554	ug/l #	100
73) Isopropylbenzene	11.02	105	81841	21.163	ug/l	100
74) N-amyl acetate	10.90	43	38797	18.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	28821	20.304	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	27983m	20.550	ug/l	
77) Bromobenzene	11.26	156	21894	20.086	ug/l	99
78) n-propylbenzene	11.36	91	95072	20.860	ug/l	99
79) 2-Chlorotoluene	11.42	91	57849	20.999	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	70070	21.321	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8508	19.914	ug/l	98
82) 4-Chlorotoluene	11.51	91	67664	20.841	ug/l	99
83) tert-Butylbenzene	11.77	119	66341	19.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	71336	19.596	ug/l	100
85) sec-Butylbenzene	11.94	105	82324	20.249	ug/l	100
86) p-Isopropyltoluene	12.07	119	73238	20.337	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	40484	19.353	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	41746	19.494	ug/l	99
89) n-Butylbenzene	12.39	91	62816	18.820	ug/l	100
90) Hexachloroethane	12.60	117	11716	19.486	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	40647	19.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7056	20.371	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	29030	19.678	ug/l	100
94) Hexachlorobutadiene	13.79	225	14822	19.126	ug/l	98
95) Naphthalene	13.83	128	87379	18.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	30644	20.389	ug/l	98

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

