

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005993.D
 Acq On : 15 Nov 2018 00:34
 Operator : JC/MD
 Sample : VX1114WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:03:58 PM

Quant Time: Nov 15 06:26:41 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	125413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	169030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	65537	45.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.92%	
35) Dibromofluoromethane	5.51	113	55329	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.71	98	189696	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	69674	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18980	16.79	ug/l	86
3) Chloromethane	1.32	50	26375	17.77	ug/l	98
4) Vinyl Chloride	1.41	62	25857	17.36	ug/l	100
5) Bromomethane	1.64	94	15818	17.35	ug/l	98
6) Chloroethane	1.72	64	17004	19.13	ug/l	100
7) Trichlorofluoromethane	1.93	101	36425	18.42	ug/l	99
8) Diethyl Ether	2.19	74	14982	19.34	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21167	18.61	ug/l	94
10) Methyl Iodide	2.51	142	23255	16.87	ug/l	97
11) Tert butyl alcohol	3.07	59	38480	93.17	ug/l	100
12) 1,1-Dichloroethene	2.37	96	20402	18.40	ug/l	89
13) Acrolein	2.29	56	25883	140.52	ug/l	97
14) Allyl chloride	2.73	41	47309	19.11	ug/l	97
15) Acrylonitrile	3.15	53	88397	103.27	ug/l	95
16) Acetone	2.45	43	72540	93.44	ug/l	100
17) Carbon Disulfide	2.57	76	56795	17.18	ug/l	95
18) Methyl Acetate	2.78	43	44924	20.73	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	75093	19.85	ug/l	99
20) Methylene Chloride	2.85	84	23950	18.78	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	21982	18.80	ug/l	90
22) Diisopropyl ether	3.87	45	86532	19.95	ug/l	# 97
23) Vinyl Acetate	3.82	43	352208	94.72	ug/l	99
24) 1,1-Dichloroethane	3.70	63	45243	19.55	ug/l	99
25) 2-Butanone	4.70	43	117263	96.08	ug/l	95
26) 2,2-Dichloropropane	4.59	77	27663	16.30	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	25473	19.73	ug/l	97
28) Bromochloromethane	5.01	49	20745	20.06	ug/l	95
29) Tetrahydrofuran	5.15	42	75582	96.45	ug/l	97
30) Chloroform	5.21	83	45975	20.59	ug/l	94
31) Cyclohexane	5.58	56	35759	17.80	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	33744	18.12	ug/l	97
36) 1,1-Dichloropropene	5.80	75	28388	17.42	ug/l	98
37) Ethyl Acetate	4.85	43	41389	19.32	ug/l	99
38) Carbon Tetrachloride	5.78	117	28600	17.53	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29331	17.76	ug/l	96
40) Benzene	6.14	78	93423	19.67	ug/l	95
41) Methacrylonitrile	5.06	41	22966	19.83	ug/l	99
42) 1,2-Dichloroethane	6.20	62	32588	19.15	ug/l	99
43) Isopropyl Acetate	6.46	43	58227	18.75	ug/l	98
44) Trichloroethene	7.21	130	22896	18.98	ug/l	97
45) 1,2-Dichloropropane	7.52	63	23698	20.55	ug/l	99
46) Dibromomethane	7.66	93	14862	20.54	ug/l	97
47) Bromodichloromethane	7.90	83	28026	20.50	ug/l	97
48) Methyl methacrylate	7.77	41	28959	20.77	ug/l	99
49) 1,4-Dioxane	7.75	88	12159	404.72	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	196494	100.41	ug/l	99
52) Toluene	8.79	92	52281	19.69	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	29911	18.54	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32666	19.86	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	22053	18.64	ug/l	95
56) Ethyl methacrylate	9.18	69	32780	18.52	ug/l	100
57) 1,3-Dichloropropane	9.37	76	36735	18.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	94884	103.38	ug/l	98
59) 2-Hexanone	9.49	43	153539	89.01	ug/l	99
60) Dibromochloromethane	9.58	129	22452	17.56	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22848	17.46	ug/l	99
64) Tetrachloroethene	9.34	164	23940	18.47	ug/l	98
65) Chlorobenzene	10.14	112	58745	19.26	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	21053	19.85	ug/l	98
67) Ethyl Benzene	10.25	91	98690	20.18	ug/l	100
68) m/p-Xylenes	10.36	106	75144	40.27	ug/l	99
69) o-Xylene	10.70	106	35858	21.43	ug/l	98
70) Styrene	10.71	104	60527	21.93	ug/l	99
71) Bromoform	10.86	173	18066	20.32	ug/l #	100
73) Isopropylbenzene	11.02	105	101117	21.18	ug/l	100
74) N-amyl acetate	10.90	43	48755	19.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	35319	20.16	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	34342m	20.43	ug/l	
77) Bromobenzene	11.26	156	26647	19.80	ug/l	99
78) n-propylbenzene	11.36	91	113155	20.11	ug/l	99
79) 2-Chlorotoluene	11.42	91	69082	20.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	83823	20.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9817	18.61	ug/l	97
82) 4-Chlorotoluene	11.51	91	81209	20.26	ug/l	99
83) tert-Butylbenzene	11.77	119	81393	19.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	85949	19.12	ug/l	100
85) sec-Butylbenzene	11.94	105	99296	19.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	87669	19.72	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	48895	18.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49648	18.78	ug/l	99
89) n-Butylbenzene	12.39	91	73220	17.77	ug/l	99
90) Hexachloroethane	12.60	117	14477	19.51	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	49399	19.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8349	19.53	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	34102	18.73	ug/l	99
94) Hexachlorobutadiene	13.78	225	16327	17.07	ug/l	99
95) Naphthalene	13.83	128	106244	18.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	35520	19.15	ug/l	100

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

