

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005400.D
 Acq On : 17 Oct 2018 20:14
 Operator : JC/MD
 Sample : VX1017WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:46 PM

Quant Time: Oct 19 01:47:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	288504	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	411331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148773	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	5.50	113	126600	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.71	98	476098	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.14	95	176236	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42857	19.00	ug/l	98
3) Chloromethane	1.32	50	60169	18.41	ug/l	100
4) Vinyl Chloride	1.40	62	61072	18.44	ug/l	99
5) Bromomethane	1.64	94	37659	20.49	ug/l	99
6) Chloroethane	1.71	64	39886	19.41	ug/l	97
7) Trichlorofluoromethane	1.93	101	85853	19.43	ug/l	99
8) Diethyl Ether	2.19	74	37558	19.91	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	51228	20.09	ug/l	97
10) Methyl Iodide	2.51	142	53751	20.75	ug/l	99
11) Tert butyl alcohol	3.07	59	92912	102.87	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49566	19.62	ug/l	99
13) Acrolein	2.29	56	36828	62.27	ug/l	95
14) Allyl chloride	2.73	41	108067	19.48	ug/l	93
15) Acrylonitrile	3.15	53	197371	96.43	ug/l	97
16) Acetone	2.45	43	169713	91.67	ug/l	97
17) Carbon Disulfide	2.57	76	133955	17.50	ug/l	100
18) Methyl Acetate	2.78	43	106790	20.28	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	182070	20.46	ug/l	96
20) Methylene Chloride	2.85	84	61367	22.02	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	53943	19.26	ug/l	94
22) Diisopropyl ether	3.87	45	185764	19.94	ug/l #	91
23) Vinyl Acetate	3.82	43	766563	94.12	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105189	19.70	ug/l	98
25) 2-Butanone	4.70	43	267450	98.74	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	70960	17.77	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57291	18.83	ug/l	97
28) Bromochloromethane	5.02	49	46428	19.07	ug/l	96
29) Tetrahydrofuran	5.15	42	164265	95.07	ug/l	94
30) Chloroform	5.21	83	96893	19.55	ug/l	98
31) Cyclohexane	5.57	56	87794	19.95	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	82634	19.16	ug/l	98
36) 1,1-Dichloropropene	5.80	75	67792	17.02	ug/l	98
37) Ethyl Acetate	4.85	43	90481	17.66	ug/l	99
38) Carbon Tetrachloride	5.78	117	71879	17.96	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82707	19.18	ug/l #	90
40) Benzene	6.14	78	212335	17.77	ug/l	100
41) Methacrylonitrile	5.06	41	50264	18.30	ug/l	96
42) 1,2-Dichloroethane	6.20	62	75252	17.83	ug/l	98
43) Isopropyl Acetate	6.46	43	135146	19.80	ug/l	98
44) Trichloroethene	7.21	130	60932	19.59	ug/l	95
45) 1,2-Dichloropropane	7.51	63	56879	19.40	ug/l	99
46) Dibromomethane	7.66	93	36428	18.83	ug/l	96
47) Bromodichloromethane	7.90	83	69544	19.43	ug/l	99
48) Methyl methacrylate	7.77	41	69027	19.50	ug/l	96
49) 1,4-Dioxane	7.76	88	33481	410.11	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	479769	101.53	ug/l	96
52) Toluene	8.79	92	134754	20.61	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	75874	19.59	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	84504	20.14	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	57586	20.80	ug/l	99
56) Ethyl methacrylate	9.18	69	83908	20.79	ug/l	95
57) 1,3-Dichloropropane	9.37	76	93782	20.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	235883	104.19	ug/l	95
59) 2-Hexanone	9.49	43	373693	98.31	ug/l	95
60) Dibromochloromethane	9.59	129	56582	19.77	ug/l	100
61) 1,2-Dibromoethane	9.67	107	59118	20.34	ug/l	98
64) Tetrachloroethene	9.34	164	60812	19.92	ug/l	96
65) Chlorobenzene	10.14	112	153663	19.05	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	55721	19.39	ug/l	98
67) Ethyl Benzene	10.25	91	254348	19.40	ug/l	97
68) m/p-Xylenes	10.36	106	200006	39.30	ug/l	95
69) o-Xylene	10.70	106	96776	19.72	ug/l	97
70) Styrene	10.71	104	162530	20.13	ug/l	98
71) Bromoform	10.86	173	47166	18.36	ug/l	100
73) Isopropylbenzene	11.02	105	267049	21.24	ug/l	100
74) N-amyl acetate	10.90	43	121015	19.96	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	91222	19.23	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84556m	20.61	ug/l	
77) Bromobenzene	11.26	156	72979	20.30	ug/l	99
78) n-propylbenzene	11.36	91	303071	20.95	ug/l	100
79) 2-Chlorotoluene	11.42	91	180334	20.35	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223158	20.73	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	24146	17.88	ug/l	98
82) 4-Chlorotoluene	11.51	91	211643	20.15	ug/l	99
83) tert-Butylbenzene	11.77	119	225964	20.72	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	232545	20.99	ug/l	97
85) sec-Butylbenzene	11.94	105	273020	21.16	ug/l	99
86) p-Isopropyltoluene	12.07	119	241477	20.71	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	133191	19.83	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	134932	19.63	ug/l	98
89) n-Butylbenzene	12.39	91	210015	19.83	ug/l	97
90) Hexachloroethane	12.60	117	37258	18.54	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	133841	19.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21063	18.21	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	101180	20.12	ug/l	99
94) Hexachlorobutadiene	13.79	225	52038	19.59	ug/l	98
95) Naphthalene	13.83	128	304942	20.91	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105002	20.40	ug/l	99

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

