

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005209.D
 Acq On : 10 Oct 2018 16:26
 Operator : JC/MD
 Sample : VX1010WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:44:59 AM

Quant Time: Oct 11 07:00:22 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	5.66	168	235805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	127715	37.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.82%	
35) Dibromofluoromethane	5.51	113	104907	36.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.78%	
50) Toluene-d8	8.72	98	385477	40.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.56%	
62) 4-Bromofluorobenzene	11.14	95	146060	42.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62537	19.45	ug/l	99
3) Chloromethane	1.32	50	68332	17.52	ug/l	99
4) Vinyl Chloride	1.40	62	66911	18.29	ug/l	100
5) Bromomethane	1.64	94	39102	18.02	ug/l	97
6) Chloroethane	1.71	64	39012	18.08	ug/l	98
7) Trichlorofluoromethane	1.92	101	87374	19.29	ug/l	91
8) Diethyl Ether	2.18	74	34146	17.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49127	19.04	ug/l	100
10) Methyl Iodide	2.51	142	49532	14.35	ug/l	91
11) Tert butyl alcohol	3.08	59	85930	91.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45155	17.67	ug/l	92
13) Acrolein	2.29	56	46898	69.98	ug/l	91
14) Allyl chloride	2.72	41	102183	18.33	ug/l	94
15) Acrylonitrile	3.15	53	185209	89.33	ug/l	96
16) Acetone	2.45	43	184282	93.71	ug/l	95
17) Carbon Disulfide	2.56	76	131896	17.18	ug/l	100
18) Methyl Acetate	2.78	43	97837	19.64	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	164336	18.65	ug/l	96
20) Methylene Chloride	2.85	84	52310	17.75	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	48958	17.50	ug/l	85
22) Diisopropyl ether	3.87	45	164214	17.49	ug/l	96
23) Vinyl Acetate	3.82	43	726667	84.57	ug/l	98
24) 1,1-Dichloroethane	3.70	63	97548	17.42	ug/l	99
25) 2-Butanone	4.71	43	248948	85.88	ug/l	95
26) 2,2-Dichloropropane	4.58	77	70146	17.99	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	50605	16.20	ug/l	92
28) Bromochloromethane	5.01	49	42048	15.95	ug/l	97
29) Tetrahydrofuran	5.16	42	158203	87.81	ug/l	97
30) Chloroform	5.21	83	88024	16.63	ug/l	99
31) Cyclohexane	5.57	56	79286	18.50	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	75756	17.53	ug/l	95
36) 1,1-Dichloropropene	5.80	75	64926	16.74	ug/l	94
37) Ethyl Acetate	4.86	43	85000	16.51	ug/l	98
38) Carbon Tetrachloride	5.78	117	68726	16.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76119	19.21	ug/l	86
40) Benzene	6.14	78	194990	16.05	ug/l	96
41) Methacrylonitrile	5.06	41	47152	16.51	ug/l	97
42) 1,2-Dichloroethane	6.20	62	71511	16.65	ug/l	98
43) Isopropyl Acetate	6.46	43	121853	16.39	ug/l	97
44) Trichloroethene	7.21	130	52922	17.72	ug/l	97
45) 1,2-Dichloropropane	7.52	63	52298	17.56	ug/l	99
46) Dibromomethane	7.66	93	33490	17.89	ug/l	99
47) Bromodichloromethane	7.90	83	64036	18.27	ug/l	98
48) Methyl methacrylate	7.78	41	64383	19.08	ug/l	99
49) 1,4-Dioxane	7.76	88	30901	368.68	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	448315	95.79	ug/l	99
52) Toluene	8.79	92	123661	18.53	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69159	17.46	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	77376	18.65	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51074	17.47	ug/l	96
56) Ethyl methacrylate	9.18	69	74628	17.69	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83746	17.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	184707	83.39	ug/l	99
59) 2-Hexanone	9.50	43	357654	91.71	ug/l	94
60) Dibromochloromethane	9.59	129	51004	17.45	ug/l	100
61) 1,2-Dibromoethane	9.67	107	52494	16.77	ug/l	95
64) Tetrachloroethene	9.34	164	53701	17.35	ug/l	96
65) Chlorobenzene	10.14	112	138225	17.14	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	49308	17.39	ug/l	98
67) Ethyl Benzene	10.26	91	229011	17.89	ug/l	96
68) m/p-Xylenes	10.36	106	181862	36.35	ug/l	95
69) o-Xylene	10.70	106	85694	18.65	ug/l	100
70) Styrene	10.71	104	143491	18.12	ug/l	100
71) Bromoform	10.86	173	41067	16.92	ug/l #	96
73) Isopropylbenzene	11.02	105	235857	21.08	ug/l	100
74) N-amyl acetate	10.90	43	107282	18.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	83570	18.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78928m	19.84	ug/l	
77) Bromobenzene	11.26	156	63721	19.61	ug/l	99
78) n-propylbenzene	11.36	91	271325	21.14	ug/l	99
79) 2-Chlorotoluene	11.42	91	163253	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	202147	19.59	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22299	16.67	ug/l	95
82) 4-Chlorotoluene	11.51	91	193296	20.52	ug/l	99
83) tert-Butylbenzene	11.77	119	197290	21.42	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	206989	19.45	ug/l	99
85) sec-Butylbenzene	11.94	105	241916	21.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	217739	21.42	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	118190	19.48	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121928	19.47	ug/l	99
89) n-Butylbenzene	12.39	91	190461	20.63	ug/l	100
90) Hexachloroethane	12.60	117	32908	19.44	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	118022	18.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18771	18.77	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	88253	19.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	46131	20.00	ug/l	98
95) Naphthalene	13.83	128	263281	18.30	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91310	19.87	ug/l	100

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

