

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005212.D
 Acq On : 10 Oct 2018 17:47
 Operator : JC/MD
 Sample : VX1010WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:00 AM

Quant Time: Oct 11 07:02:30 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	185778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	128742	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	5.50	113	111799	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	421172	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
62) 4-Bromofluorobenzene	11.14	95	156275	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62922	24.84	ug/l	98
3) Chloromethane	1.32	50	72280	23.52	ug/l	99
4) Vinyl Chloride	1.40	62	69871	24.24	ug/l	98
5) Bromomethane	1.64	94	39970	23.39	ug/l	96
6) Chloroethane	1.71	64	42690	26.06	ug/l	96
7) Trichlorofluoromethane	1.92	101	91167	25.55	ug/l	96
8) Diethyl Ether	2.19	74	34948	22.54	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48989	24.10	ug/l	98
10) Methyl Iodide	2.51	142	53274	19.59	ug/l	92
11) Tert butyl alcohol	3.08	59	93673	126.24	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47724	23.71	ug/l	95
13) Acrolein	2.29	56	46911	88.85	ug/l	94
14) Allyl chloride	2.72	41	107984	24.59	ug/l	95
15) Acrylonitrile	3.15	53	200856	122.96	ug/l	97
16) Acetone	2.45	43	205475	132.62	ug/l	95
17) Carbon Disulfide	2.56	76	136255	22.53	ug/l	100
18) Methyl Acetate	2.78	43	104965	26.74	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	173049	24.92	ug/l	96
20) Methylene Chloride	2.85	84	55737	24.31	ug/l	# 87
21) trans-1,2-Dichloroethene	3.16	96	51091	23.19	ug/l	85
22) Diisopropyl ether	3.87	45	172846	23.37	ug/l	96
23) Vinyl Acetate	3.82	43	771653	113.98	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103866	23.54	ug/l	99
25) 2-Butanone	4.71	43	269221	117.88	ug/l	99
26) 2,2-Dichloropropane	4.59	77	74978	24.41	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	53613	21.78	ug/l	94
28) Bromochloromethane	5.01	49	40175	19.34	ug/l	100
29) Tetrahydrofuran	5.16	42	170564	120.16	ug/l	97
30) Chloroform	5.21	83	92856	22.27	ug/l	99
31) Cyclohexane	5.57	56	79245	23.47	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	79922	23.47	ug/l	95
36) 1,1-Dichloropropene	5.80	75	66652	21.00	ug/l	95
37) Ethyl Acetate	4.86	43	91641	21.75	ug/l	98
38) Carbon Tetrachloride	5.78	117	69607	20.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75229	23.21	ug/l	88
40) Benzene	6.14	78	205074	20.64	ug/l	96
41) Methacrylonitrile	5.06	41	49181	21.05	ug/l	94
42) 1,2-Dichloroethane	6.20	62	75795	21.58	ug/l	96
43) Isopropyl Acetate	6.46	43	129242	21.26	ug/l	97
44) Trichloroethene	7.21	130	54772	22.42	ug/l	97
45) 1,2-Dichloropropane	7.52	63	54810	22.49	ug/l	97
46) Dibromomethane	7.66	93	35546	23.21	ug/l	99
47) Bromodichloromethane	7.90	83	67395	23.51	ug/l	100
48) Methyl methacrylate	7.78	41	67556	24.48	ug/l	98
49) 1,4-Dioxane	7.76	88	33893	494.32	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	480028	125.38	ug/l	98
52) Toluene	8.79	92	128268	23.49	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	73043	22.55	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	81519	24.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53703	22.46	ug/l	95
56) Ethyl methacrylate	9.18	69	77842	21.77	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89903	22.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	202791	107.05	ug/l	100
59) 2-Hexanone	9.50	43	384256	120.44	ug/l	94
60) Dibromochloromethane	9.59	129	53959	22.56	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56608	22.10	ug/l	97
64) Tetrachloroethene	9.34	164	55528	20.94	ug/l	96
65) Chlorobenzene	10.14	112	144816	20.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	52669	21.68	ug/l	98
67) Ethyl Benzene	10.26	91	237453	21.65	ug/l	97
68) m/p-Xylenes	10.36	106	189690	44.25	ug/l	96
69) o-Xylene	10.70	106	89237	22.67	ug/l	100
70) Styrene	10.71	104	150743	21.74	ug/l	100
71) Bromoform	10.86	173	44405	21.35	ug/l	98
73) Isopropylbenzene	11.02	105	243771	24.20	ug/l	99
74) N-amyl acetate	10.90	43	113211	21.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89041	21.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	83288m	23.25	ug/l	
77) Bromobenzene	11.26	156	66461	22.71	ug/l	100
78) n-propylbenzene	11.36	91	280982	24.31	ug/l	100
79) 2-Chlorotoluene	11.42	91	170341	23.64	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	207510	22.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24243	19.71	ug/l	98
82) 4-Chlorotoluene	11.51	91	199702	23.55	ug/l	99
83) tert-Butylbenzene	11.77	119	204102	24.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	215058	22.47	ug/l	99
85) sec-Butylbenzene	11.94	105	245751	24.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	221988	24.25	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	123009	22.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	125063	22.17	ug/l	99
89) n-Butylbenzene	12.39	91	190357	22.90	ug/l	100
90) Hexachloroethane	12.60	117	34581	22.69	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	124583	21.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20516	22.78	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	89581	22.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	47130	22.69	ug/l	99
95) Naphthalene	13.83	128	275612	21.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93866	22.68	ug/l	99

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

