

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005686.D
 Acq On : 30 Oct 2018 12:47
 Operator : JC/MD
 Sample : VX1030WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBS01

Manual Integrations
 APPROVED

Quant Time: Oct 30 16:31:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	353872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136810	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	5.49	113	113557	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	8.71	98	391650	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
62) 4-Bromofluorobenzene	11.14	95	145468	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	

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10/31/2018 11:07:07 AM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57003	22.21	ug/l	89
3) Chloromethane	1.32	50	60776	18.60	ug/l	94
4) Vinyl Chloride	1.40	62	57567	17.91	ug/l	94
5) Bromomethane	1.64	94	29732	14.87	ug/l	92
6) Chloroethane	1.71	64	35117	17.11	ug/l	89
7) Trichlorofluoromethane	1.92	101	80332	17.99	ug/l	99
8) Diethyl Ether	2.19	74	30137	16.91	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44507	17.37	ug/l	95
10) Methyl Iodide	2.51	142	39809	16.79	ug/l	97
11) Tert butyl alcohol	3.06	59	77318	90.53	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44706	18.32	ug/l	84
13) Acrolein	2.29	56	35184	80.76	ug/l	97
14) Allyl chloride	2.73	41	91031	16.71	ug/l	98
15) Acrylonitrile	3.14	53	169484	88.50	ug/l	98
16) Acetone	2.44	43	154093	91.88	ug/l	92
17) Carbon Disulfide	2.57	76	128034	17.21	ug/l	99
18) Methyl Acetate	2.78	43	81710	18.81	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	149994	17.23	ug/l	96
20) Methylene Chloride	2.86	84	50147	17.85	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	47904	17.98	ug/l	87
22) Diisopropyl ether	3.86	45	173619	18.25	ug/l	# 90
23) Vinyl Acetate	3.82	43	765748	91.41	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92186	17.83	ug/l	99
25) 2-Butanone	4.70	43	237922	93.16	ug/l	95
26) 2,2-Dichloropropane	4.57	77	70270	17.60	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	52429	18.25	ug/l	98
28) Bromochloromethane	5.01	49	43881	17.54	ug/l	92
29) Tetrahydrofuran	5.16	42	151991	91.45	ug/l	98
30) Chloroform	5.21	83	89027	18.40	ug/l	99
31) Cyclohexane	5.57	56	82105	19.19	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	73746	17.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	63987	18.63	ug/l	97
37) Ethyl Acetate	4.85	43	83402	19.03	ug/l	98
38) Carbon Tetrachloride	5.78	117	64609	17.86	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69780	18.40	ug/l	98
40) Benzene	6.15	78	191602	19.46	ug/l	97
41) Methacrylonitrile	5.05	41	46160	18.91	ug/l	98
42) 1,2-Dichloroethane	6.20	62	68745	18.38	ug/l	99
43) Isopropyl Acetate	6.46	43	117855	17.95	ug/l	98
44) Trichloroethene	7.21	130	48089	17.93	ug/l	93
45) 1,2-Dichloropropane	7.52	63	45971	17.37	ug/l	97
46) Dibromomethane	7.66	93	30723	17.97	ug/l	98
47) Bromodichloromethane	7.90	83	57501	17.33	ug/l	99
48) Methyl methacrylate	7.77	41	55404	17.32	ug/l	98
49) 1,4-Dioxane	7.75	88	25100	359.02	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	387567	87.82	ug/l	100
52) Toluene	8.78	92	108634	18.16	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	61827	17.24	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68663	17.79	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	44626	17.69	ug/l	97
56) Ethyl methacrylate	9.18	69	65355	17.37	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74774	17.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	185871	88.45	ug/l	100
59) 2-Hexanone	9.49	43	309083	88.82	ug/l	100
60) Dibromochloromethane	9.59	129	46356	17.61	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46607	17.86	ug/l	100
64) Tetrachloroethene	9.34	164	50204	20.33	ug/l	98
65) Chlorobenzene	10.14	112	121304	19.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	43937	19.02	ug/l	99
67) Ethyl Benzene	10.25	91	203702	19.55	ug/l	100
68) m/p-Xylenes	10.36	106	159877	39.54	ug/l	100
69) o-Xylene	10.70	106	76583	20.13	ug/l	98
70) Styrene	10.71	104	126935	19.93	ug/l	99
71) Bromoform	10.86	173	36984	17.95	ug/l	# 99
73) Isopropylbenzene	11.02	105	211525	20.60	ug/l	99
74) N-amyl acetate	10.90	43	94836	18.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71223	18.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	70132m	19.71	ug/l	
77) Bromobenzene	11.26	156	57488	20.09	ug/l	97
78) n-propylbenzene	11.36	91	242357	20.65	ug/l	100
79) 2-Chlorotoluene	11.42	91	144753	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	178757	20.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20857	19.15	ug/l	97
82) 4-Chlorotoluene	11.51	91	171331	19.96	ug/l	99
83) tert-Butylbenzene	11.77	119	174642	19.95	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	184349	20.71	ug/l	100
85) sec-Butylbenzene	11.94	105	214397	20.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	192334	20.60	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104533	19.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	106859	19.03	ug/l	99
89) n-Butylbenzene	12.39	91	168020	19.93	ug/l	99
90) Hexachloroethane	12.60	117	29860	18.54	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	105805	19.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16768	18.31	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	78211	19.82	ug/l	100
94) Hexachlorobutadiene	13.78	225	39762	19.44	ug/l	99
95) Naphthalene	13.83	128	230360	20.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	80389	20.10	ug/l	100

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

10/31/2018 11:07:07 AM

