

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005540.D
 Acq On : 24 Oct 2018 14:37
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:31 AM

Quant Time: Oct 25 05:11:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138292	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	107671	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	8.71	98	418630	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	154954	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33239	14.469	ug/l	100
3) Chloromethane	1.32	50	48291	16.507	ug/l	99
4) Vinyl Chloride	1.40	62	48106	16.723	ug/l	99
5) Bromomethane	1.64	94	30406	16.987	ug/l	99
6) Chloroethane	1.71	64	31573	17.181	ug/l	98
7) Trichlorofluoromethane	1.93	101	72733	18.197	ug/l	96
8) Diethyl Ether	2.19	74	29420	18.444	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43118	18.801	ug/l	99
10) Methyl Iodide	2.51	142	29021	14.182	ug/l	97
11) Tert butyl alcohol	3.07	59	71702	93.790	ug/l	98
12) 1,1-Dichloroethene	2.37	96	38851	17.783	ug/l	91
13) Acrolein	2.29	56	37801	96.931	ug/l	96
14) Allyl chloride	2.73	41	90356	18.532	ug/l	96
15) Acrylonitrile	3.15	53	156495	91.288	ug/l	98
16) Acetone	2.45	43	138219	92.072	ug/l	97
17) Carbon Disulfide	2.57	76	117779	17.685	ug/l	100
18) Methyl Acetate	2.78	43	73234	18.836	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	146201	18.760	ug/l	98
20) Methylene Chloride	2.85	84	46311	18.419	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	44119	18.496	ug/l	96
22) Diisopropyl ether	3.87	45	163382	19.189	ug/l	91
23) Vinyl Acetate	3.82	43	742684	99.040	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	86941	18.781	ug/l	98
25) 2-Butanone	4.70	43	209308	91.559	ug/l	93
26) 2,2-Dichloropropane	4.58	77	65720	18.389	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46127	17.937	ug/l	92
28) Bromochloromethane	5.01	49	42649	19.049	ug/l	88
29) Tetrahydrofuran	5.15	42	135478	91.065	ug/l	91
30) Chloroform	5.21	83	79790	18.427	ug/l	97
31) Cyclohexane	5.57	56	71758	18.735	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	69235	18.116	ug/l	99
36) 1,1-Dichloropropene	5.80	75	60189	18.548	ug/l	99
37) Ethyl Acetate	4.85	43	77018	18.599	ug/l	97
38) Carbon Tetrachloride	5.78	117	61981	18.135	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70869	19.778	ug/l	93
40) Benzene	6.14	78	176561	18.980	ug/l	98
41) Methacrylonitrile	5.06	41	43096	18.683	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65357	18.495	ug/l	96
43) Isopropyl Acetate	6.46	43	113275	18.255	ug/l	96
44) Trichloroethene	7.21	130	48640	19.194	ug/l	97
45) 1,2-Dichloropropane	7.52	63	49432	19.765	ug/l	93
46) Dibromomethane	7.66	93	31214	19.324	ug/l	98
47) Bromodichloromethane	7.90	83	59202	18.884	ug/l	100
48) Methyl methacrylate	7.77	41	59082	19.544	ug/l	94
49) 1,4-Dioxane	7.75	88	25896	391.996	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	402614	96.543	ug/l	93
52) Toluene	8.79	92	112691	19.933	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	65435	19.313	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71286	19.542	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46280	19.417	ug/l	96
56) Ethyl methacrylate	9.18	69	67784	19.066	ug/l	91
57) 1,3-Dichloropropane	9.37	76	77257	19.156	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201350	101.403	ug/l	94
59) 2-Hexanone	9.49	43	318012	96.717	ug/l	91
60) Dibromochloromethane	9.59	129	47491	19.097	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48076	19.497	ug/l	99
64) Tetrachloroethene	9.34	164	50287	19.392	ug/l	98
65) Chlorobenzene	10.14	112	126844	19.068	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	45071	18.582	ug/l	99
67) Ethyl Benzene	10.25	91	213025	19.464	ug/l	96
68) m/p-Xylenes	10.36	106	165567	38.992	ug/l	93
69) o-Xylene	10.70	106	78101	19.550	ug/l	93
70) Styrene	10.71	104	130193	19.468	ug/l	95
71) Bromoform	10.86	173	38387	17.736	ug/l #	99
73) Isopropylbenzene	11.02	105	218016	20.307	ug/l	99
74) N-amyl acetate	10.90	43	101236	19.031	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	74161	18.724	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70151m	19.610	ug/l	
77) Bromobenzene	11.26	156	58575	19.577	ug/l	98
78) n-propylbenzene	11.36	91	252897	20.601	ug/l	99
79) 2-Chlorotoluene	11.42	91	151811	19.945	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	187269	20.391	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	20840	18.300	ug/l	92
82) 4-Chlorotoluene	11.51	91	180350	20.094	ug/l	99
83) tert-Butylbenzene	11.77	119	181132	19.786	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	193136	20.750	ug/l	97
85) sec-Butylbenzene	11.94	105	221960	20.319	ug/l	98
86) p-Isopropyltoluene	12.07	119	201698	20.655	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	108864	19.349	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	111355	18.922	ug/l	98
89) n-Butylbenzene	12.39	91	175490	19.906	ug/l	98
90) Hexachloroethane	12.60	117	31495	18.700	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	108933	19.137	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17792	18.578	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81598	19.775	ug/l	99
94) Hexachlorobutadiene	13.79	225	41126	19.232	ug/l	96
95) Naphthalene	13.83	128	239611	19.977	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	83221	19.896	ug/l	98

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

