

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042618\
 Data File : VX001141.D
 Acq On : 26 Apr 2018 20:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX042618

Manual Integrations
 APPROVED

MMDadoda
 4/30/2018 6:03:27 PM

Quant Time: Apr 27 07:16:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	167647	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	5.51	113	134670	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	8.72	98	495151	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.15	95	196060	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113815	46.74	ug/l	100
3) Chloromethane	1.32	50	131856	51.71	ug/l	99
4) Vinyl Chloride	1.40	62	134853	49.84	ug/l	98
5) Bromomethane	1.64	94	87892	53.26	ug/l	100
6) Chloroethane	1.72	64	84752	49.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	206021	47.15	ug/l	99
8) Diethyl Ether	2.19	74	82310	48.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108638	45.12	ug/l	100
10) Methyl Iodide	2.51	142	111506	45.34	ug/l	99
11) Tert butyl alcohol	3.09	59	179970	253.56	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112447	47.89	ug/l	98
13) Acrolein	2.30	56	65447	243.91	ug/l	99
14) Allyl chloride	2.73	41	219290	51.20	ug/l	99
15) Acrylonitrile	3.16	53	378328	249.61	ug/l	100
16) Acetone	2.45	43	347470	234.76	ug/l	99
17) Carbon Disulfide	2.57	76	302226	50.45	ug/l	100
18) Methyl Acetate	2.79	43	188377	50.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	427203	49.43	ug/l	99
20) Methylene Chloride	2.86	84	130053	47.18	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	126124	48.59	ug/l	99
22) Diisopropyl ether	3.89	45	428072	49.95	ug/l	98
23) Vinyl Acetate	3.84	43	1910564	262.78	ug/l	100
24) 1,1-Dichloroethane	3.70	63	230792	51.24	ug/l	99
25) 2-Butanone	4.72	43	549007	247.90	ug/l	100
26) 1,2-Dichloropropane	4.59	77	162812	45.92	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	142056	49.99	ug/l	99
28) Bromochloromethane	5.03	49	98652	48.85	ug/l	99
29) Tetrahydrofuran	5.18	42	356098	250.09	ug/l	100
30) Chloroform	5.23	83	242020	50.53	ug/l	99
31) Cyclohexane	5.58	56	173753	45.40	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	209799	50.74	ug/l	99
36) 1,1-Dichloropropene	5.81	75	170291	47.95	ug/l	99
37) Ethyl Acetate	4.88	43	213418	50.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	180297	49.51	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	180344	45.88	ug/l	97
40) Benzene	6.15	78	516108	50.23	ug/l	100
41) Methacrylonitrile	5.07	41	121718	50.93	ug/l	99
42) 1,2-Dichloroethane	6.21	62	208793	50.43	ug/l	100
43) Isopropyl Acetate	6.48	43	343421	51.41	ug/l	100
44) Trichloroethene	7.22	130	149594	48.87	ug/l	96
45) 1,2-Dichloropropane	7.52	63	133455	49.39	ug/l	99
46) Dibromomethane	7.67	93	94847	50.69	ug/l	99
47) Bromodichloromethane	7.91	83	180389	53.06	ug/l	99
48) Methyl methacrylate	7.79	41	179738	50.62	ug/l	100
49) 1,4-Dioxane	7.77	88	73033	1027.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1141452	260.14	ug/l	100
52) Toluene	8.79	92	339643	50.55	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	211308	53.46	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	201318	47.11	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	142535	50.14	ug/l	97
56) Ethyl methacrylate	9.19	69	221241	52.53	ug/l	100
57) 1,3-Dichloropropane	9.38	76	232165	50.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	504507	253.39	ug/l	100
59) 2-Hexanone	9.51	43	892660	259.65	ug/l	99
60) Dibromochloromethane	9.59	129	157073	47.49	ug/l	99
61) 1,2-Dibromoethane	9.68	107	154481	51.87	ug/l	99
64) Tetrachloroethene	9.34	164	153961	47.07	ug/l	95
65) Chlorobenzene	10.15	112	394806	49.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	148083	53.31	ug/l	99
67) Ethyl Benzene	10.26	91	648856	49.74	ug/l	100
68) m/p-Xylenes	10.37	106	508658	98.63	ug/l	99
69) o-Xylene	10.71	106	252203	50.42	ug/l	100
70) Styrene	10.72	104	423165	50.83	ug/l	99
71) Bromoform	10.87	173	133099	45.99	ug/l	99
73) Isopropylbenzene	11.02	105	651178	48.67	ug/l	100
74) N-amyl acetate	6.48	43	343421	50.94	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	225036	50.69	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	214684m	51.36	ug/l	
77) Bromobenzene	11.26	156	197098	49.68	ug/l	100
78) n-propylbenzene	11.37	91	726670	48.71	ug/l	99
79) 2-Chlorotoluene	11.43	91	450871	48.75	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	565707	49.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58915	45.35	ug/l	99
82) 4-Chlorotoluene	11.52	91	544846	49.56	ug/l	100
83) tert-Butylbenzene	11.77	119	565522	50.02	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	590621	50.72	ug/l	99
85) sec-Butylbenzene	11.95	105	642611	48.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	599109	48.77	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	352518	49.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	361964	48.77	ug/l	100
89) n-Butylbenzene	12.40	91	514230	48.36	ug/l	100
90) Hexachloroethane	12.60	117	90028	45.72	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	356938	49.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53111	54.21	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	278397	49.33	ug/l	100
94) Hexachlorobutadiene	13.79	225	124602	46.97	ug/l	99
95) Naphthalene	13.84	128	821288	52.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281884	50.19	ug/l	100

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

