

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112018\
 Data File : VX006111.D
 Acq On : 20 Nov 2018 20:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112018

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 10:37:33 AM

Quant Time: Nov 21 08:25:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192247	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
35) Dibromofluoromethane	5.50	113	157674	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.71	98	599508	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.14	95	223152	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	119227	49.22	ug/l	99
3) Chloromethane	1.32	50	154345	50.44	ug/l	99
4) Vinyl Chloride	1.41	62	150508	48.36	ug/l	97
5) Bromomethane	1.64	94	122120	50.94	ug/l	100
6) Chloroethane	1.71	64	85171	58.37	ug/l	97
7) Trichlorofluoromethane	1.93	101	202075	49.63	ug/l	99
8) Diethyl Ether	2.19	74	82480	47.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118263	48.98	ug/l	99
10) Methyl Iodide	2.51	142	141841	46.86	ug/l	99
11) Tert butyl alcohol	3.07	59	200998	250.15	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112226	47.68	ug/l	98
13) Acrolein	2.29	56	115345	239.90	ug/l	100
14) Allyl chloride	2.73	41	239766	49.79	ug/l	99
15) Acrylonitrile	3.15	53	429608	242.07	ug/l	99
16) Acetone	2.45	43	397056	236.89	ug/l	99
17) Carbon Disulfide	2.57	76	328025	51.61	ug/l	98
18) Methyl Acetate	2.78	43	220701	51.35	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	399714	49.13	ug/l	100
20) Methylene Chloride	2.85	84	126387	49.82	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	120708	49.02	ug/l	98
22) Diisopropyl ether	3.87	45	541005	52.48	ug/l	95
23) Vinyl Acetate	3.82	43	2296846	268.57	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242356	49.90	ug/l	100
25) 2-Butanone	4.70	43	779883	250.68	ug/l	100
26) 2,2-Dichloropropane	4.59	77	204682	51.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	167557	48.68	ug/l	98
28) Bromochloromethane	5.02	49	140698	49.71	ug/l	100
29) Tetrahydrofuran	5.15	42	500755	258.02	ug/l	99
30) Chloroform	5.21	83	283055	48.10	ug/l	99
31) Cyclohexane	5.57	56	255771	50.42	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	243629	51.27	ug/l	99
36) 1,1-Dichloropropene	5.80	75	214798	50.31	ug/l	99
37) Ethyl Acetate	4.85	43	281762	51.29	ug/l	100
38) Carbon Tetrachloride	5.78	117	212469	52.94	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	252437	51.90	ug/l	96
40) Benzene	6.14	78	630692	50.14	ug/l	99
41) Methacrylonitrile	5.06	41	154319	50.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	231478	49.22	ug/l	100
43) Isopropyl Acetate	6.46	43	418238	52.72	ug/l	99
44) Trichloroethene	7.21	130	176701	50.54	ug/l	99
45) 1,2-Dichloropropane	7.52	63	171467	51.51	ug/l	98
46) Dibromomethane	7.66	93	112130	49.18	ug/l	100
47) Bromodichloromethane	7.90	83	214907	50.97	ug/l	96
48) Methyl methacrylate	7.77	41	222086	55.20	ug/l	100
49) 1,4-Dioxane	7.75	88	97147	1017.74	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1501495	264.01	ug/l	99
52) Toluene	8.79	92	404819	52.03	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	235213	53.46	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	259314	53.31	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165632	49.15	ug/l	98
56) Ethyl methacrylate	9.18	69	256828	49.00	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279936	50.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	732271	250.04	ug/l	99
59) 2-Hexanone	9.49	43	1206050	267.21	ug/l	100
60) Dibromochloromethane	9.59	129	174802	52.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	177978	51.27	ug/l	99
64) Tetrachloroethene	9.34	164	181984	50.70	ug/l	98
65) Chlorobenzene	10.14	112	457123	51.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161924	52.71	ug/l	100
67) Ethyl Benzene	10.25	91	792434	54.09	ug/l	100
68) m/p-Xylenes	10.36	106	617861	108.31	ug/l	98
69) o-Xylene	10.70	106	294907	54.12	ug/l	99
70) Styrene	10.71	104	490011	55.15	ug/l	100
71) Bromoform	10.86	173	144784	52.66	ug/l #	98
73) Isopropylbenzene	11.02	105	799287	54.25	ug/l	100
74) N-amyl acetate	10.90	43	380482	50.63	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	277138	49.91	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	265482m	52.96	ug/l	
77) Bromobenzene	11.26	156	212492	51.48	ug/l	99
78) n-propylbenzene	11.36	91	939872	54.78	ug/l	100
79) 2-Chlorotoluene	11.42	91	546267	52.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	678459	54.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	82856	55.90	ug/l	97
82) 4-Chlorotoluene	11.51	91	653962	53.98	ug/l	100
83) tert-Butylbenzene	11.77	119	664993	54.84	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	698545	55.13	ug/l	99
85) sec-Butylbenzene	11.94	105	817267	55.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	725327	54.84	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	394686	51.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	391081	49.57	ug/l	99
89) n-Butylbenzene	12.39	91	650254	54.31	ug/l	99
90) Hexachloroethane	12.60	117	112462	53.29	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	391618	50.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66299	51.46	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	289901	52.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	134545	50.37	ug/l	99
95) Naphthalene	13.83	128	908281	56.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	291539	52.18	ug/l	100

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

