

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003867.D
 Acq On : 06 Aug 2018 17:47
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:12:56 PM

Quant Time: Aug 07 07:22:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	361123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	531519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239825	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.50	113	202868	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.72	98	796181	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.14	95	245168	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	188956	53.28	ug/l	100
3) Chloromethane	1.32	50	240499	41.41	ug/l	100
4) Vinyl Chloride	1.40	62	245425	53.31	ug/l	100
5) Bromomethane	1.64	94	142535	57.47	ug/l	100
6) Chloroethane	1.71	64	166489	63.15	ug/l	100
7) Trichlorofluoromethane	1.92	101	321590	54.48	ug/l	100
8) Diethyl Ether	2.19	74	144011	55.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	195990	52.43	ug/l	100
10) Methyl Iodide	2.51	142	262259	52.51	ug/l	100
11) Tert butyl alcohol	3.08	59	283886	275.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	188170	52.01	ug/l	100
13) Acrolein	2.29	56	145975	186.23	ug/l	100
14) Allyl chloride	2.73	41	374242	55.53	ug/l	100
15) Acrylonitrile	3.15	53	674366	275.07	ug/l	100
16) Acetone	2.45	43	685084	272.58	ug/l	100
17) Carbon Disulfide	2.56	76	540582	52.88	ug/l	100
18) Methyl Acetate	2.78	43	304365	52.87	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	678245	54.24	ug/l	100
20) Methylene Chloride	2.85	84	225180	51.31	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	207830	52.12	ug/l	100
22) Diisopropyl ether	3.87	45	666373	51.92	ug/l	100
23) Vinyl Acetate	3.82	43	2870290	269.91	ug/l	100
24) 1,1-Dichloroethane	3.70	63	400263	55.04	ug/l	100
25) 2-Butanone	4.71	43	1078864	257.98	ug/l	100
26) 2,2-Dichloropropane	4.58	77	285003	57.00	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	229845	51.04	ug/l	100
28) Bromochloromethane	5.02	49	174031	51.64	ug/l	100
29) Tetrahydrofuran	5.17	42	550722	258.40	ug/l	100
30) Chloroform	5.21	83	380058	50.91	ug/l	100
31) Cyclohexane	5.57	56	342734	54.36	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	324621	52.11	ug/l	100
36) 1,1-Dichloropropene	5.80	75	288884	50.19	ug/l	100
37) Ethyl Acetate	4.87	43	325427	49.65	ug/l	100
38) Carbon Tetrachloride	5.78	117	284739	49.78	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346034	52.55	ug/l	100
40) Benzene	6.14	78	872098	49.46	ug/l	100
41) Methacrylonitrile	5.07	41	178649	50.50	ug/l	100
42) 1,2-Dichloroethane	6.20	62	295212	50.04	ug/l	100
43) Isopropyl Acetate	6.47	43	496857	50.53	ug/l	100
44) Trichloroethene	7.21	130	232421	48.83	ug/l	100
45) 1,2-Dichloropropane	7.52	63	227655	49.88	ug/l	100
46) Dibromomethane	7.67	93	146060	49.83	ug/l	100
47) Bromodichloromethane	7.90	83	284510	51.37	ug/l	100
48) Methyl methacrylate	7.78	41	260009	52.33	ug/l	100
49) 1,4-Dioxane	7.76	88	121933	1037.02	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2102409	256.65	ug/l	100
52) Toluene	8.79	92	569454	52.24	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	327239	54.00	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	356661	53.93	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	228822	49.99	ug/l	100
56) Ethyl methacrylate	9.18	69	350726	54.67	ug/l	100
57) 1,3-Dichloropropane	9.37	76	372281	50.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	874585	266.96	ug/l	100
59) 2-Hexanone	9.50	43	1585237	253.76	ug/l	100
60) Dibromochloromethane	9.59	129	223099	50.14	ug/l	100
61) 1,2-Dibromoethane	9.68	107	229743	49.27	ug/l	100
64) Tetrachloroethene	9.34	164	217665	50.48	ug/l	100
65) Chlorobenzene	10.14	112	606475	52.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	217752	53.45	ug/l	100
67) Ethyl Benzene	10.26	91	1013604	54.29	ug/l	100
68) m/p-Xylenes	10.36	106	790556	108.57	ug/l	100
69) o-Xylene	10.70	106	382742	54.73	ug/l	100
70) Styrene	10.71	104	626513	54.44	ug/l	100
71) Bromoform	10.86	173	164945	49.82	ug/l	100
73) Isopropylbenzene	11.02	105	1020296	58.66	ug/l	100
74) N-amyl acetate	6.47	43	496857	58.27	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	308324	50.61	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	275909m	52.27	ug/l	
77) Bromobenzene	11.26	156	240428	50.61	ug/l	100
78) n-propylbenzene	11.36	91	1071802	55.34	ug/l	100
79) 2-Chlorotoluene	11.42	91	628202	53.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	774948	54.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	98221	58.04	ug/l	100
82) 4-Chlorotoluene	11.51	91	740868	54.10	ug/l	100
83) tert-Butylbenzene	11.77	119	780234	54.19	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	802165	54.77	ug/l	100
85) sec-Butylbenzene	11.95	105	936051	55.60	ug/l	100
86) p-Isopropyltoluene	12.07	119	842194	55.55	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	449973	50.58	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	455110	49.60	ug/l	100
89) n-Butylbenzene	12.39	91	726118	55.51	ug/l	100
90) Hexachloroethane	12.60	117	134760	54.81	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	453616	50.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68824	51.23	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330845	51.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	147421	47.50	ug/l	100
95) Naphthalene	13.83	128	1037358	55.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	334616	50.37	ug/l	100

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

