

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX073018\
 Data File : VX003730.D
 Acq On : 30 Jul 2018 18:05
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 10:40:17 AM

Quant Time: Aug 03 07:35:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:23:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	106003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	155745	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	141909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84825	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159873	149.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.24%	
35) Dibromofluoromethane	5.50	113	143940	156.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.92%	
50) Toluene-d8	8.72	98	573727	150.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.10%	
62) 4-Bromofluorobenzene	11.14	95	214191	151.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	126759	141.68	ug/l	100
3) Chloromethane	1.32	50	164094	145.90	ug/l	100
4) Vinyl Chloride	1.40	62	170988	141.34	ug/l	# 89
5) Bromomethane	1.63	94	97993	134.56	ug/l	99
7) Trichlorofluoromethane	1.91	101	229882	209.72	ug/l	98
8) Diethyl Ether	2.18	74	90842	151.52	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	150122	149.18	ug/l	99
10) Methyl Iodide	2.50	142	193556	167.30	ug/l	99
11) Tert butyl alcohol	3.10	59	132609	763.89	ug/l	100
12) 1,1-Dichloroethene	2.36	96	138926	135.53	ug/l	96
13) Acrolein	2.29	56	28370	499.51	ug/l	91
14) Allyl chloride	2.71	41	253948	151.20	ug/l	99
15) Acrylonitrile	3.15	53	337165	763.71	ug/l	100
16) Acetone	2.45	43	306591	748.68	ug/l	99
17) Carbon Disulfide	2.55	76	451428	146.44	ug/l	100
18) Methyl Acetate	2.78	43	175640	152.63	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	402497	156.07	ug/l	99
20) Methylene Chloride	2.84	84	157779	125.67	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	152111	146.52	ug/l	94
22) Diisopropyl ether	3.87	45	454758	149.99	ug/l	98
23) Vinyl Acetate	3.82	43	1705463	779.90	ug/l	99
24) 1,1-Dichloroethane	3.69	63	262904	148.69	ug/l	98
25) 2-Butanone	4.70	43	471358	789.59	ug/l	99
26) 2,2-Dichloropropane	4.58	77	209252	150.26	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	168202	150.34	ug/l	97
28) Bromochloromethane	5.02	49	116048	146.31	ug/l	97
29) Tetrahydrofuran	5.15	42	290963	764.82	ug/l	98
30) Chloroform	5.21	83	263855	151.44	ug/l	92
31) Cyclohexane	5.57	56	257922	151.01	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	230501	153.93	ug/l	100
36) 1,1-Dichloropropene	5.80	75	214539	147.09	ug/l	99
37) Ethyl Acetate	4.86	43	173335	154.71	ug/l	98
38) Carbon Tetrachloride	5.78	117	211678	156.90	ug/l	96
39) Methylcyclohexane	7.46	83	278813	155.70	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	621636	148.73	ug/l	97
41) Methacrylonitrile	5.06	41	97864	154.96	ug/l	99
42) 1,2-Dichloroethane	6.20	62	191715	151.86	ug/l	99
43) Isopropyl Acetate	6.46	43	290894	162.95	ug/l	99
44) Trichloroethene	7.21	130	174129	146.04	ug/l	95
45) 1,2-Dichloropropane	7.52	63	158015	153.73	ug/l	97
46) Dibromomethane	7.67	93	92446	156.07	ug/l	99
47) Bromodichloromethane	7.90	83	193741	164.13	ug/l	99
48) Methyl methacrylate	7.78	41	147011	164.18	ug/l	100
49) 1,4-Dioxane	7.76	88	59838	3310.97	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	894319	815.18	ug/l	100
52) Toluene	8.79	92	392852	150.68	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	223499	165.78	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	248469	165.35	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	140254	156.30	ug/l	99
56) Ethyl methacrylate	9.18	69	209639	170.08	ug/l	99
57) 1,3-Dichloropropane	9.37	76	233375	154.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	517844	878.22	ug/l	100
59) 2-Hexanone	9.50	43	696703	833.60	ug/l	99
60) Dibromochloromethane	9.59	129	152314	168.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	144544	157.77	ug/l	99
64) Tetrachloroethene	9.34	164	168265	150.85	ug/l	98
65) Chlorobenzene	10.14	112	444847	150.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	156037	161.35	ug/l	99
67) Ethyl Benzene	10.26	91	773332	154.44	ug/l	99
68) m/p-Xylenes	10.36	106	608215	310.51	ug/l	99
69) o-Xylene	10.70	106	288163	158.44	ug/l	100
70) Stvrene	10.71	104	494111	161.48	ug/l	100
71) Bromoform	10.86	173	119537	179.78	ug/l #	99
73) Isopropylbenzene	11.02	105	785524	147.92	ug/l	100
74) N-amyl acetate	6.46	43	290894	172.24	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	213135	154.38	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	175692m	150.27	ug/l	
77) Bromobenzene	11.26	156	207162	149.64	ug/l	99
78) n-propylbenzene	11.37	91	936359	145.55	ug/l	99
79) 2-Chlorotoluene	11.43	91	531396	145.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	688400	132.88	ug/l #	67
81) trans-1,4-Dichloro-2-buten	11.08	75	69297	175.56	ug/l	95
82) 4-Chlorotoluene	11.51	91	644714	145.53	ug/l	99
83) tert-Butylbenzene	11.77	119	688171	153.50	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	704237	150.95	ug/l	100
85) sec-Butylbenzene	11.95	105	857996	149.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	789993	171.78	ug/l #	69
87) 1,3-Dichlorobenzene	12.03	146	410316	146.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	414479	145.06	ug/l	100
89) n-Butylbenzene	12.39	91	760121	153.21	ug/l	99
90) Hexachloroethane	12.60	117	126810	163.82	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	396388	151.99	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45797	167.18	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	324092	156.65	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	203121	153.52	ug/l	100
95) Naphthalene	13.83	128	736510	166.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298867	159.14	ug/l	100

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

