

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011819\
 Data File : VV009224.D
 Acq On : 18 Jan 2019 16:55
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00 G/5ML/MSVOA V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:45:27 AM

Quant Time: Jan 19 03:18:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V011819S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 19 02:50:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	95174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	167586	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	156095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	79712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.08	65	63629	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	4.64	113	55005	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	7.36	98	208255	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	10.12	95	81039	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.14	85	36748	50.000	ug/l	100
3) Chloromethane	1.25	50	52110	50.000	ug/l	100
4) Vinyl Chloride	1.33	62	51212	50.000	ug/l	100
5) Bromomethane	1.53	94	33493	50.000	ug/l	100
6) Chloroethane	1.60	64	31974	50.000	ug/l	100
7) Trichlorofluoromethane	1.76	101	29789	50.000	ug/l	100
8) Diethyl Ether	1.96	74	24874	50.000	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.14	101	46266	50.000	ug/l	100
10) Methyl Iodide	2.26	142	74592	50.000	ug/l	100
11) Tert butyl alcohol	2.66	59	18444	250.000	ug/l	100
12) 1,1-Dichloroethene	2.14	96	44551	50.000	ug/l	100
13) Acrolein	2.06	56	15135	250.000	ug/l	100
14) Allyl chloride	2.42	41	80361	50.000	ug/l	100
15) Acrylonitrile	2.76	53	52168	250.000	ug/l	100
16) Acetone	2.18	43	65499	250.000	ug/l	100
17) Carbon Disulfide	2.32	76	137960	50.000	ug/l	100
18) Methyl Acetate	2.45	43	34406	50.000	ug/l	100
19) Methyl tert-butyl Ether	2.80	73	72824	50.000	ug/l	100
20) Methylene Chloride	2.53	84	50817	50.000	ug/l	100
21) trans-1,2-Dichloroethene	2.78	96	49157	50.000	ug/l	100
22) Diisopropyl ether	3.32	45	182976	50.000	ug/l	100
23) Vinyl Acetate	3.30	43	497696	250.000	ug/l	100
24) 1,1-Dichloroethane	3.22	63	107684	50.000	ug/l	100
25) 2-Butanone	4.01	43	82176	250.000	ug/l	100
26) 2,2-Dichloropropane	3.95	77	60087	50.000	ug/l	100
27) cis-1,2-Dichloroethene	3.95	96	62951	50.000	ug/l	100
28) Bromochloromethane	4.29	49	45231	50.000	ug/l	100
29) Tetrahydrofuran	4.38	42	49206	250.000	ug/l	100
30) Chloroform	4.42	83	113481	50.000	ug/l	100
31) Cyclohexane	4.72	56	91907	50.000	ug/l	100
32) 1,1,1-Trichloroethane	4.65	97	92009	50.000	ug/l	100
36) 1,1-Dichloropropene	4.87	75	81803	50.000	ug/l	100
37) Ethyl Acetate	4.12	43	34584	50.000	ug/l	100
38) Carbon Tetrachloride	4.87	117	83380	50.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	98313	50.000	ug/l	100
40) Benzene	5.14	78	237978	50.000	ug/l	100
41) Methacrylonitrile	4.31	41	20275	50.000	ug/l	100
42) 1,2-Dichloroethane	5.18	62	79783	50.000	ug/l	100
43) Isopropyl Acetate	5.32	43	67704	50.000	ug/l	100
44) Trichloroethene	5.96	130	59836	50.000	ug/l	100
45) 1,2-Dichloropropane	6.22	63	59405	50.000	ug/l	100
46) Dibromomethane	6.35	93	31374	50.000	ug/l	100
47) Bromodichloromethane	6.55	83	83284	50.000	ug/l	100
48) Methyl methacrylate	6.42	41	35528	50.000	ug/l	100
49) 1,4-Dioxane	6.41	88	8437	1000.000	ug/l	100
51) 4-Methyl-2-Pentanone	7.27	43	177015	250.000	ug/l	100
52) Toluene	7.43	92	150875	50.000	ug/l	100
53) t-1,3-Dichloropropene	7.69	75	81675	50.000	ug/l	100
54) cis-1,3-Dichloropropene	7.07	75	94354	50.000	ug/l	100
55) 1,1,2-Trichloroethane	7.88	97	42004	50.000	ug/l	100
56) Ethyl methacrylate	7.83	69	52795	50.000	ug/l	100
57) 1,3-Dichloropropane	8.05	76	79204	50.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.94	63	2372	250.000	ug/l	100
59) 2-Hexanone	8.18	43	126902	250.000	ug/l	100
60) Dibromochloromethane	8.29	129	51721	50.000	ug/l	100
61) 1,2-Dibromoethane	8.40	107	41981	50.000	ug/l	100
64) Tetrachloroethene	8.02	164	48406	50.000	ug/l	100
65) Chlorobenzene	8.93	112	164252	50.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.02	131	58330	50.000	ug/l	100
67) Ethyl Benzene	9.05	91	296175	50.000	ug/l	100
68) m/p-Xylenes	9.18	106	221008	100.000	ug/l	100
69) o-Xylene	9.59	106	106033	50.000	ug/l	100
70) Styrene	9.60	104	173920	50.000	ug/l	100
71) Bromoform	9.77	173	28233	50.000	ug/l #	100
73) Isopropylbenzene	9.97	105	296612	50.000	ug/l	100
74) N-amyl acetate	9.84	43	63041	50.000	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.29	83	52790	50.000	ug/l	100
76) 1,2,3-Trichloropropane	10.32	75	39834m	50.000	ug/l	
77) Bromobenzene	10.26	156	64770	50.000	ug/l	100
78) n-propylbenzene	10.40	91	354250	50.000	ug/l	100
79) 2-Chlorotoluene	10.47	91	211462	50.000	ug/l	100
80) 1,3,5-Trimethylbenzene	10.59	105	252318	50.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.05	75	15157	50.000	ug/l	100
82) 4-Chlorotoluene	10.58	91	254680	50.000	ug/l	100
83) tert-Butylbenzene	10.91	119	239060	50.000	ug/l	100
84) 1,2,4-Trimethylbenzene	10.96	105	258002	50.000	ug/l	100
85) sec-Butylbenzene	11.13	105	307235	50.000	ug/l	100
86) p-Isopropyltoluene	11.29	119	273092	50.000	ug/l	100
87) 1,3-Dichlorobenzene	11.23	146	131009	50.000	ug/l	100
88) 1,4-Dichlorobenzene	11.32	146	132200	50.000	ug/l	100
89) n-Butylbenzene	11.70	91	268068	50.000	ug/l	100
90) Hexachloroethane	11.95	117	50087	50.000	ug/l	100
91) 1,2-Dichlorobenzene	11.69	146	117810	50.000	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.48	75	9249	50.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.31	180	78379	50.000	ug/l	100
94) Hexachlorobutadiene	13.49	225	44872	50.000	ug/l	100
95) Naphthalene	13.55	128	141200	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.79	180	69091	50.000	ug/l	100

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

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