

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
 Data File : VY000033.D
 Acq On : 13 Sep 2019 09:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 12:07:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:58:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	140791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	263539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	225369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	99542	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	71763	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
35) Dibromofluoromethane	7.72	113	71124	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	10.18	98	299771	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.48	95	101427	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	45721	44.037	ug/l	99
3) Chloromethane	2.11	50	63240	35.216	ug/l	96
4) Vinyl Chloride	2.25	62	71913	45.677	ug/l	96
5) Bromomethane	2.63	94	46110	46.078	ug/l	99
6) Chloroethane	2.78	64	47347	45.173	ug/l	100
7) Trichlorofluoromethane	3.12	101	92009	44.975	ug/l	98
8) Diethyl Ether	3.53	74	39753	47.284	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	66069	47.458	ug/l	99
10) Methyl Iodide	4.09	142	70531	46.330	ug/l	99
11) Tert butyl alcohol	4.96	59	41386	214.642	ug/l	96
12) 1,1-Dichloroethene	3.87	96	60283	46.462	ug/l	85
13) Acrolein	3.73	56	27656	191.192	ug/l	97
14) Allyl chloride	4.47	41	94122	46.722	ug/l	99
15) Acrylonitrile	5.17	53	123962	232.387	ug/l	96
16) Acetone	3.95	43	105960	251.960	ug/l	95
17) Carbon Disulfide	4.19	76	111843	42.806	ug/l	99
18) Methyl Acetate	4.48	43	51698	43.690	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	189899	48.323	ug/l	95
20) Methylene Chloride	4.71	84	71778	42.817	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	65254	45.421	ug/l	97
22) Diisopropyl ether	6.12	45	209611	47.134	ug/l #	98
23) Vinyl Acetate	6.06	43	725641	235.867	ug/l	100
24) 1,1-Dichloroethane	6.02	63	122722	46.568	ug/l	97
25) 2-Butanone	6.99	43	167853	245.575	ug/l	97
26) 2,2-Dichloropropane	6.98	77	114786	46.886	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	86170	47.541	ug/l	99
28) Bromochloromethane	7.33	49	62037	51.258	ug/l #	97
29) Tetrahydrofuran	7.35	42	93283	229.422	ug/l	97
30) Chloroform	7.51	83	128310	47.214	ug/l	97
31) Cyclohexane	7.78	56	90818	41.349	ug/l	92
32) 1,1,1-Trichloroethane	7.70	97	104701	46.966	ug/l	99
36) 1,1-Dichloropropene	7.92	75	89245	46.123	ug/l	99
37) Ethyl Acetate	7.07	43	61412	47.066	ug/l	99
38) Carbon Tetrachloride	7.90	117	86486	47.352	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	101891	42.621	ug/l	93
40) Benzene	8.16	78	291356	46.250	ug/l	97
41) Methacrylonitrile	7.32	41	39301m	51.770	ug/l	
42) 1,2-Dichloroethane	8.24	62	77226	47.969	ug/l	98
43) Isopropyl Acetate	8.27	43	117774	46.579	ug/l	98
44) Trichloroethene	8.94	130	75143	47.772	ug/l	87
45) 1,2-Dichloropropane	9.22	63	75011	46.178	ug/l	96
46) Dibromomethane	9.31	93	42009	46.599	ug/l	98
47) Bromodichloromethane	9.49	83	100437	46.671	ug/l	98
48) Methyl methacrylate	9.29	41	53609	48.048	ug/l	97
49) 1,4-Dioxane	9.30	88	16091	852.294	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	334470	236.074	ug/l	100
52) Toluene	10.24	92	183543	46.367	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	106903	47.247	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	125219	47.560	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	67616	47.330	ug/l	97
56) Ethyl methacrylate	10.51	69	95343	47.554	ug/l	99
57) 1,3-Dichloropropane	10.79	76	109948	48.124	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	260218	236.939	ug/l	100
59) 2-Hexanone	10.83	43	259547	254.211	ug/l	98
60) Dibromochloromethane	10.98	129	71145	47.263	ug/l	99
61) 1,2-Dibromoethane	11.09	107	59429	47.098	ug/l	95
64) Tetrachloroethene	10.72	164	63398	45.873	ug/l	94
65) Chlorobenzene	11.51	112	200078	46.591	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	70966	47.693	ug/l	99
67) Ethyl Benzene	11.59	91	362371	46.449	ug/l	95
68) m/p-Xylenes	11.70	106	282609	95.996	ug/l	95
69) o-Xylene	12.02	106	135210	46.861	ug/l	98
70) Styrene	12.04	104	238983	47.613	ug/l	100
71) Bromoform	12.21	173	42217	46.989	ug/l #	97
73) Isopropylbenzene	12.32	105	348289	45.793	ug/l	99
74) N-amyl acetate	12.14	43	110040	49.013	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	84769	46.615	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	61752m	44.664	ug/l	
77) Bromobenzene	12.60	156	77730	48.313	ug/l	99
78) n-propylbenzene	12.66	91	431591	46.433	ug/l	98
79) 2-Chlorotoluene	12.75	91	239821	46.141	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	292341	46.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	33501	48.063	ug/l	97
82) 4-Chlorotoluene	12.85	91	252259	46.245	ug/l	100
83) tert-Butylbenzene	13.07	119	248234	45.492	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	288590	46.004	ug/l	98
85) sec-Butylbenzene	13.25	105	363641	45.157	ug/l	100
86) p-Isopropyltoluene	13.37	119	311913	45.660	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	149314	46.112	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	152336	46.750	ug/l	98
89) n-Butylbenzene	13.69	91	314819	45.478	ug/l	99
90) Hexachloroethane	13.96	117	63079	46.207	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	138354	45.913	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	15267	43.177	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	84203	43.790	ug/l	98
94) Hexachlorobutadiene	15.10	225	39035	44.260	ug/l	99
95) Naphthalene	15.23	128	239623	45.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.41	180	78303	45.363	ug/l	99

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

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