

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091319\
 Data File : VY000040.D
 Acq On : 13 Sep 2019 14:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 12:14:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:53:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	124208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	240297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	204506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	90657	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	68979	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	7.71	113	69512	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.18	98	288584	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.48	95	98721	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	41118	44.891	ug/l	94
3) Chloromethane	2.11	50	55536	48.250	ug/l	95
4) Vinyl Chloride	2.25	62	65411	47.094	ug/l	98
5) Bromomethane	2.64	94	42650	50.125	ug/l	93
6) Chloroethane	2.78	64	43154	46.669	ug/l	99
7) Trichlorofluoromethane	3.12	101	88062	48.793	ug/l	92
8) Diethyl Ether	3.53	74	37615	50.715	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.89	101	60648	49.380	ug/l	99
10) Methyl Iodide	4.09	142	65216	48.558	ug/l	99
11) Tert butyl alcohol	4.96	59	38243	224.821	ug/l	99
12) 1,1-Dichloroethene	3.87	96	56186	49.086	ug/l	96
13) Acrolein	3.73	56	24340	215.197	ug/l	97
14) Allyl chloride	4.48	41	86697	48.782	ug/l	99
15) Acrylonitrile	5.17	53	114541	243.394	ug/l	98
16) Acetone	3.95	43	80688	217.482	ug/l	89
17) Carbon Disulfide	4.18	76	103465	49.229	ug/l	97
18) Methyl Acetate	4.47	43	48553	46.510	ug/l	97
19) Methyl tert-butyl Ether	5.21	73	178409	51.460	ug/l	97
20) Methylene Chloride	4.71	84	69220	52.683	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	62548	49.350	ug/l	94
22) Diisopropyl ether	6.12	45	195327	49.786	ug/l	97
23) Vinyl Acetate	6.06	43	664812	244.946	ug/l	97
24) 1,1-Dichloroethane	6.01	63	116463	50.093	ug/l	97
25) 2-Butanone	6.99	43	136578	226.496	ug/l	93
26) 2,2-Dichloropropane	6.98	77	102835	47.612	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	79124	49.481	ug/l	98
28) Bromochloromethane	7.33	49	54909	51.426	ug/l	97
29) Tetrahydrofuran	7.35	42	83805	233.630	ug/l	98
30) Chloroform	7.50	83	121706	50.763	ug/l	98
31) Cyclohexane	7.78	56	86580	50.686	ug/l	92
32) 1,1,1-Trichloroethane	7.70	97	98497	50.081	ug/l	98
36) 1,1-Dichloropropene	7.92	75	83413	47.278	ug/l	99
37) Ethyl Acetate	7.07	43	56042	47.105	ug/l	99
38) Carbon Tetrachloride	7.90	117	79186	47.549	ug/l	99

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39) Methylcyclohexane	9.18	83	100324	46.025	ug/l	93
40) Benzene	8.16	78	276477	48.133	ug/l	98
41) Methacrylonitrile	7.31	41	27052	39.082	ug/l #	83
42) 1,2-Dichloroethane	8.24	62	71622	48.791	ug/l	99
43) Isopropyl Acetate	8.28	43	108034	46.860	ug/l	99
44) Trichloroethene	8.94	130	69681	48.585	ug/l	97
45) 1,2-Dichloropropane	9.21	63	71774	48.459	ug/l	94
46) Dibromomethane	9.31	93	38542	46.888	ug/l	99
47) Bromodichloromethane	9.49	83	95125	48.478	ug/l	99
48) Methyl methacrylate	9.29	41	47449	46.640	ug/l	98
49) 1,4-Dioxane	9.29	88	15583	905.220	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	299786	232.059	ug/l	99
52) Toluene	10.24	92	175677	48.672	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	100836	48.876	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	117612	48.992	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	62611	48.065	ug/l	95
56) Ethyl methacrylate	10.51	69	88937	48.649	ug/l	97
57) 1,3-Dichloropropane	10.79	76	101711	48.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	238999	238.666	ug/l	100
59) 2-Hexanone	10.83	43	212845	228.633	ug/l	98
60) Dibromochloromethane	10.98	129	67557	49.220	ug/l	98
61) 1,2-Dibromoethane	11.09	107	56209	48.855	ug/l	99
64) Tetrachloroethene	10.71	164	59832	47.709	ug/l	90
65) Chlorobenzene	11.51	112	193744	49.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	66632	49.349	ug/l	98
67) Ethyl Benzene	11.59	91	343866	48.573	ug/l	96
68) m/p-Xylenes	11.70	106	262802	98.375	ug/l	100
69) o-Xylene	12.02	106	126462	48.300	ug/l	100
70) Styrene	12.04	104	227133	49.869	ug/l	99
71) Bromoform	12.21	173	39572	48.539	ug/l #	96
73) Isopropylbenzene	12.32	105	339744	49.047	ug/l	99
74) N-amyl acetate	12.14	43	97673	47.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	79556	48.036	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	59668m	47.386	ug/l	
77) Bromobenzene	12.60	156	70783	48.307	ug/l	97
78) n-propylbenzene	12.67	91	415596	49.095	ug/l	100
79) 2-Chlorotoluene	12.76	91	233408	49.309	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	280918	48.570	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	30409	47.902	ug/l	96
82) 4-Chlorotoluene	12.85	91	238701	48.048	ug/l	100
83) tert-Butylbenzene	13.07	119	239776	48.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	283381	49.601	ug/l	100
85) sec-Butylbenzene	13.25	105	359214	48.979	ug/l	98
86) p-Isopropyltoluene	13.37	119	304115	48.881	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	141259	47.900	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	142913	48.157	ug/l	98
89) n-Butylbenzene	13.69	91	310326	49.222	ug/l	100
90) Hexachloroethane	13.96	117	61913	49.798	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	134282	48.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13565	47.122	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.00	180	84263	48.116	ug/l	99
94) Hexachlorobutadiene	15.11	225	39850	49.613	ug/l	99
95) Naphthalene	15.23	128	229335	47.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	75779	48.203	ug/l	97

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

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