

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000871.D
 Acq On : 05 Dec 2019 10:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 12/6/2019 10:01:16 AM

Quant Time: Dec 06 04:25:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	295539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	509019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	463159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217549	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	163161	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
35) Dibromofluoromethane	7.72	113	153514	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.18	98	656185	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
62) 4-Bromofluorobenzene	12.48	95	230216	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	148348	46.630	ug/l	99
3) Chloromethane	2.12	50	194703	49.649	ug/l	99
4) Vinyl Chloride	2.25	62	197791	51.176	ug/l	98
5) Bromomethane	2.65	94	125479	54.542	ug/l	93
6) Chloroethane	2.79	64	124140	52.387	ug/l	97
7) Trichlorofluoromethane	3.13	101	279274	52.726	ug/l	95
8) Diethyl Ether	3.53	74	103118	51.726	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	169555	51.837	ug/l	98
10) Methyl Iodide	4.09	142	210840	51.197	ug/l	99
11) Tert butyl alcohol	4.97	59	76091	240.838	ug/l #	74
12) 1,1-Dichloroethene	3.87	96	169533	52.318	ug/l	95
13) Acrolein	3.73	56	72928	234.325	ug/l	99
14) Allyl chloride	4.48	41	301882	54.332	ug/l	99
15) Acrylonitrile	5.17	53	257660	250.296	ug/l	99
16) Acetone	3.95	43	164786	228.745	ug/l	98
17) Carbon Disulfide	4.19	76	532973	50.855	ug/l	99
18) Methyl Acetate	4.48	43	153386	50.922	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	451879	52.216	ug/l	96
20) Methylene Chloride	4.72	84	190370	50.133	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	195417	53.057	ug/l	99
22) Diisopropyl ether	6.13	45	626155	54.831	ug/l	98
23) Vinyl Acetate	6.07	43	1863885	268.476	ug/l	99
24) 1,1-Dichloroethane	6.02	63	332585	52.841	ug/l	99
25) 2-Butanone	6.99	43	334131	251.083	ug/l	97
26) 2,2-Dichloropropane	6.99	77	284425	53.691	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	214335	53.836	ug/l	99
28) Bromochloromethane	7.34	49	139071	59.849	ug/l	96
29) Tetrahydrofuran	7.35	42	226419	256.760	ug/l	98
30) Chloroform	7.52	83	322819	51.127	ug/l	98
31) Cyclohexane	7.79	56	344169	51.617	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	278021	53.324	ug/l	100
36) 1,1-Dichloropropene	7.92	75	270187	53.384	ug/l	99
37) Ethyl Acetate	7.08	43	144158	49.329	ug/l	100
38) Carbon Tetrachloride	7.91	117	246260	54.636	ug/l	94

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39) Methylcyclohexane	9.18	83	352831	52.618	ug/l	98
40) Benzene	8.16	78	798724	54.179	ug/l	99
41) Methacrylonitrile	7.32	41	80013m	51.948	ug/l	
42) 1,2-Dichloroethane	8.24	62	204099	52.643	ug/l	98
43) Isopropyl Acetate	8.28	43	278294	50.533	ug/l	100
44) Trichloroethene	8.94	130	207136	54.671	ug/l	94
45) 1,2-Dichloropropane	9.22	63	203461	54.944	ug/l	98
46) Dibromomethane	9.31	93	104131	53.820	ug/l	100
47) Bromodichloromethane	9.50	83	249544	54.903	ug/l	97
48) Methyl methacrylate	9.30	41	125666	51.892	ug/l	97
49) 1,4-Dioxane	9.30	88	27127	989.509	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	740107	260.103	ug/l	99
52) Toluene	10.24	92	506649	55.506	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	274474	56.208	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	316742	54.877	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	154738	54.132	ug/l	94
56) Ethyl methacrylate	10.51	69	225615	55.173	ug/l	98
57) 1,3-Dichloropropane	10.79	76	269255	54.044	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	387080	234.760	ug/l	99
59) 2-Hexanone	10.83	43	575755	277.686	ug/l	100
60) Dibromochloromethane	10.99	129	170667	55.461	ug/l	98
61) 1,2-Dibromoethane	11.09	107	144612	53.679	ug/l	100
64) Tetrachloroethene	10.72	164	213459	53.046	ug/l	98
65) Chlorobenzene	11.52	112	512611	53.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	176231	54.317	ug/l	99
67) Ethyl Benzene	11.59	91	969164	54.053	ug/l	100
68) m/p-Xylenes	11.70	106	726148	107.898	ug/l	99
69) o-Xylene	12.03	106	339659	54.129	ug/l	99
70) Styrene	12.04	104	593521	55.239	ug/l	99
71) Bromoform	12.20	173	99248	54.237	ug/l #	99
73) Isopropylbenzene	12.33	105	924242	53.357	ug/l	100
74) N-amyl acetate	12.14	43	250155	51.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	175240	51.345	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	125499m	50.916	ug/l	
77) Bromobenzene	12.61	156	199382	53.102	ug/l	99
78) n-propylbenzene	12.67	91	1124753	53.180	ug/l	99
79) 2-Chlorotoluene	12.75	91	618482	52.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	762993	53.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	67019	53.410	ug/l	98
82) 4-Chlorotoluene	12.85	91	640117	53.175	ug/l	100
83) tert-Butylbenzene	13.07	119	642254	53.264	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	757306	52.778	ug/l	100
85) sec-Butylbenzene	13.25	105	936254	53.389	ug/l	99
86) p-Isopropyltoluene	13.37	119	816716	53.545	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	383363	52.047	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	389945	53.467	ug/l	100
89) n-Butylbenzene	13.69	91	832125	53.959	ug/l	100
90) Hexachloroethane	13.96	117	155212	55.240	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	351982	53.126	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28990	50.736	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.00	180	240447	53.633	ug/l	99
94) Hexachlorobutadiene	15.11	225	118458	53.293	ug/l	99
95) Naphthalene	15.23	128	540899	51.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	209502	52.316	ug/l	99

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

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