

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060420\
 Data File : VY002841.D
 Acq On : 04 Jun 2020 16:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 19:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	522625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	479251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	147132	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	7.72	113	154246	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.18	98	586248	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.48	95	208742	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	103051	42.444	ug/l 97
3) Chloromethane	2.12	50	116760	43.478	ug/l 97
4) Vinyl Chloride	2.26	62	130897	46.115	ug/l 100
5) Bromomethane	2.66	94	99051	46.565	ug/l 100
6) Chloroethane	2.80	64	88934	48.332	ug/l 99
7) Trichlorofluoromethane	3.13	101	238783	47.498	ug/l 96
8) Diethyl Ether	3.54	74	89970	45.833	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	152968	51.248	ug/l 100
10) Methyl Iodide	4.10	142	209800	50.232	ug/l 99
11) Tert butyl alcohol	4.97	59	72259	217.796	ug/l 100
12) 1,1-Dichloroethene	3.88	96	148497	49.470	ug/l 98
13) Acrolein	3.74	56	90330	251.592	ug/l 99
14) Allyl chloride	4.49	41	225731	52.432	ug/l 98
15) Acrylonitrile	5.18	53	217751	245.889	ug/l 100
16) Acetone	3.96	43	176718	245.986	ug/l 99
17) Carbon Disulfide	4.20	76	414542	45.700	ug/l 98
18) Methyl Acetate	4.48	43	92130	51.130	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	412541	49.782	ug/l 98
20) Methylene Chloride	4.72	84	178607	50.874	ug/l 97
21) trans-1,2-Dichloroethene	5.22	96	164783	48.813	ug/l 94
22) Diisopropyl ether	6.13	45	470945	52.640	ug/l 98
23) Vinyl Acetate	6.07	43	1565287	265.003	ug/l 98
24) 1,1-Dichloroethane	6.02	63	271220	51.824	ug/l 98
25) 2-Butanone	6.99	43	270985	242.107	ug/l 98
26) 2,2-Dichloropropane	6.99	77	239031	47.623	ug/l 100
27) cis-1,2-Dichloroethene	6.99	96	187221	49.542	ug/l 99
28) Bromochloromethane	7.34	49	114927	53.494	ug/l 97
29) Tetrahydrofuran	7.35	42	177624	243.974	ug/l 99
30) Chloroform	7.51	83	283591	51.066	ug/l 94
31) Cyclohexane	7.79	56	240837	46.350	ug/l 100
32) 1,1,1-Trichloroethane	7.71	97	251859	48.668	ug/l 100
36) 1,1-Dichloropropene	7.92	75	215400	48.927	ug/l 100
37) Ethyl Acetate	7.08	43	120700	50.391	ug/l 100
38) Carbon Tetrachloride	7.91	117	234327	47.913	ug/l 99

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39) Methylcyclohexane	9.19	83	276476	47.645	ug/l	97
40) Benzene	8.16	78	639651	49.172	ug/l	99
41) Methacrylonitrile	7.32	41	67512m	52.465	ug/l	
42) 1,2-Dichloroethane	8.24	62	176151	48.318	ug/l	99
43) Isopropyl Acetate	8.28	43	226526	49.906	ug/l	100
44) Trichloroethene	8.94	130	197099	47.968	ug/l	98
45) 1,2-Dichloropropane	9.22	63	158304	50.746	ug/l	100
46) Dibromomethane	9.31	93	92341	49.842	ug/l	98
47) Bromodichloromethane	9.50	83	222906	51.036	ug/l	99
48) Methyl methacrylate	9.29	41	101742	49.653	ug/l	99
49) 1,4-Dioxane	9.30	88	25895	910.290	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	593733	247.024	ug/l	99
52) Toluene	10.24	92	414442	48.702	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	235524	49.371	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	273016	50.507	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	138672	48.891	ug/l	97
56) Ethyl methacrylate	10.51	69	192264	50.609	ug/l	99
57) 1,3-Dichloropropane	10.79	76	229684	49.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	473980	255.333	ug/l	99
59) 2-Hexanone	10.83	43	419192	245.806	ug/l	100
60) Dibromochloromethane	10.99	129	178281	49.578	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136906	48.931	ug/l	100
64) Tetrachloroethene	10.72	164	201987	46.373	ug/l	99
65) Chlorobenzene	11.52	112	467036	49.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	177721	49.816	ug/l	98
67) Ethyl Benzene	11.59	91	805367	49.043	ug/l	100
68) m/p-Xylenes	11.70	106	624567	98.095	ug/l	99
69) o-Xylene	12.03	106	295024	49.084	ug/l	98
70) Styrene	12.05	104	517518	49.668	ug/l	100
71) Bromoform	12.20	173	117195	49.095	ug/l #	100
73) Isopropylbenzene	12.33	105	804875	50.029	ug/l	100
74) N-amyl acetate	12.14	43	213926	51.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	148995	52.783	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	116919m	51.685	ug/l	
77) Bromobenzene	12.61	156	208109	49.678	ug/l	98
78) n-propylbenzene	12.67	91	932825	50.195	ug/l	100
79) 2-Chlorotoluene	12.75	91	521978	50.072	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	669271	49.823	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	60379	50.286	ug/l	99
82) 4-Chlorotoluene	12.85	91	548416	50.212	ug/l	99
83) tert-Butylbenzene	13.08	119	598472	49.946	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	673767	49.883	ug/l	100
85) sec-Butylbenzene	13.25	105	816483	49.835	ug/l	100
86) p-Isopropyltoluene	13.37	119	764036	50.117	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	391149	49.293	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	393160	49.530	ug/l	99
89) n-Butylbenzene	13.70	91	694787	50.198	ug/l	100
90) Hexachloroethane	13.96	117	145435	50.958	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	358824	49.862	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26791	49.331	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.01	180	266027	49.044	ug/l	100
94) Hexachlorobutadiene	15.11	225	153409	49.864	ug/l	99
95) Naphthalene	15.23	128	526282	48.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	237755	49.084	ug/l	99

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

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