

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000891.D
 Acq On : 05 Dec 2019 18:53
 Operator : SY/MD
 Sample : K6177-08MSD
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-6MSD

Manual Integrations
 APPROVED

apatel
 12/6/2019 10:01:36 AM

Quant Time: Dec 06 05:37:45 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	336567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	538219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171959	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	7.73	113	170590	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.18	98	697203	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.48	95	243243	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	158648	43.789	ug/l	100
3) Chloromethane	2.12	50	201660	45.154	ug/l	98
4) Vinyl Chloride	2.25	62	209353	47.565	ug/l	98
5) Bromomethane	2.65	94	131102	49.428	ug/l	97
6) Chloroethane	2.79	64	128570	47.643	ug/l	99
7) Trichlorofluoromethane	3.13	101	298888	49.550	ug/l	96
8) Diethyl Ether	3.53	74	123215	54.272	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	186791	50.145	ug/l	99
10) Methyl Iodide	4.10	142	242011	51.602	ug/l	98
11) Tert butyl alcohol	4.97	59	94590	262.893	ug/l	98
12) 1,1-Dichloroethene	3.88	96	196246	53.179	ug/l	90
13) Acrolein	3.74	56	61946	174.776	ug/l	99
14) Allyl chloride	4.49	41	324048	51.212	ug/l	97
15) Acrylonitrile	5.18	53	312901	266.906	ug/l	99
16) Acetone	3.95	43	210570	256.667	ug/l	99
17) Carbon Disulfide	4.19	76	594876	49.842	ug/l	99
18) Methyl Acetate	4.49	43	247335	72.102	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	535451	54.331	ug/l	99
20) Methylene Chloride	4.72	84	226058	52.274	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	214778	51.206	ug/l	97
22) Diisopropyl ether	6.13	45	665433	51.167	ug/l	98
23) Vinyl Acetate	6.07	43	1536317	194.317	ug/l	98
24) 1,1-Dichloroethane	6.03	63	371870	51.880	ug/l	98
25) 2-Butanone	7.00	43	390014	257.350	ug/l	96
26) 2,2-Dichloropropane	6.99	77	301151	49.919	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	245077	54.054	ug/l	96
28) Bromochloromethane	7.35	49	146974	55.685	ug/l	97
29) Tetrahydrofuran	7.36	42	269465	268.325	ug/l	100
30) Chloroform	7.52	83	358855	49.906	ug/l	99
31) Cyclohexane	7.79	56	363178	47.829	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	307876	51.852	ug/l	97
36) 1,1-Dichloropropene	7.93	75	289526	48.621	ug/l	99
37) Ethyl Acetate	7.08	43	166922	48.547	ug/l	100
38) Carbon Tetrachloride	7.91	117	263103	49.613	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	372219	47.180	ug/l	98
40) Benzene	8.17	78	887559	51.171	ug/l	97
41) Methacrylonitrile	7.33	41	98162m	54.168	ug/l	
42) 1,2-Dichloroethane	8.25	62	226870	49.735	ug/l	98
43) Isopropyl Acetate	8.28	43	319570	49.320	ug/l	98
44) Trichloroethene	8.94	130	228393	51.236	ug/l	97
45) 1,2-Dichloropropane	9.22	63	224565	51.544	ug/l	95
46) Dibromomethane	9.31	93	117435	51.588	ug/l	98
47) Bromodichloromethane	9.50	83	279810	52.324	ug/l	98
48) Methyl methacrylate	9.30	41	153749	53.961	ug/l	96
49) 1,4-Dioxane	9.30	88	32800	1016.908	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	882571	263.628	ug/l	100
52) Toluene	10.24	92	552159	51.415	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	305252	53.131	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	362238	53.342	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	176272	52.412	ug/l	97
56) Ethyl methacrylate	10.51	69	255141	53.031	ug/l	99
57) 1,3-Dichloropropane	10.79	76	306234	52.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	453022	233.525	ug/l	100
59) 2-Hexanone	10.83	43	660855	270.902	ug/l	97
60) Dibromochloromethane	10.99	129	192006	53.033	ug/l	99
61) 1,2-Dibromoethane	11.09	107	168380	53.123	ug/l	100
64) Tetrachloroethene	10.72	164	230073	49.201	ug/l	98
65) Chlorobenzene	11.51	112	566788	50.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	194102	51.482	ug/l	99
67) Ethyl Benzene	11.59	91	1028900	49.381	ug/l	99
68) m/p-Xylenes	11.70	106	765089	97.830	ug/l	99
69) o-Xylene	12.03	106	374017	51.292	ug/l	97
70) Styrene	12.04	104	639995	51.258	ug/l	99
71) Bromoform	12.20	173	112914	53.100	ug/l #	97
73) Isopropylbenzene	12.33	105	960942	48.434	ug/l	99
74) N-amyl acetate	12.14	43	245956	44.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	204206	52.236	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	134867m	47.771	ug/l	
77) Bromobenzene	12.61	156	221048	51.398	ug/l	99
78) n-propylbenzene	12.67	91	1179979	48.708	ug/l	100
79) 2-Chlorotoluene	12.75	91	662032	49.467	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	796001	48.456	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	77468	53.900	ug/l	95
82) 4-Chlorotoluene	12.85	91	690635	50.088	ug/l	99
83) tert-Butylbenzene	13.07	119	665768	48.205	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	799717	48.659	ug/l	99
85) sec-Butylbenzene	13.25	105	955420	47.566	ug/l	99
86) p-Isopropyltoluene	13.36	119	841634	48.174	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	409659	48.557	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	417217	49.945	ug/l	100
89) n-Butylbenzene	13.69	91	823816	46.639	ug/l	99
90) Hexachloroethane	13.95	117	158701	49.312	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	382237	50.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34192	52.243	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.00	180	241787	47.085	ug/l	97
94) Hexachlorobutadiene	15.11	225	114020	44.785	ug/l	99
95) Naphthalene	15.23	128	620839	52.068	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	218734	47.688	ug/l	99

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

