

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
 Data File : VY000935.D
 Acq On : 12 Dec 2019 17:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/13/2019 10:33:50 AM

Quant Time: Dec 13 08:54:48 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	279885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	502333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	160927	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.72	113	154329	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.17	98	637410	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
62) 4-Bromofluorobenzene	12.47	95	220868	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	123751	41.074	ug/l	96
3) Chloromethane	2.11	50	173948	46.837	ug/l	97
4) Vinyl Chloride	2.25	62	172521	47.134	ug/l	94
5) Bromomethane	2.65	94	111005	50.451	ug/l	98
6) Chloroethane	2.79	64	110387	49.189	ug/l	97
7) Trichlorofluoromethane	3.13	101	250539	49.946	ug/l	97
8) Diethyl Ether	3.53	74	104030	55.102	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	159587	51.518	ug/l	99
10) Methyl Iodide	4.09	142	205972	52.812	ug/l	98
11) Tert butyl alcohol	4.96	59	80437	268.833	ug/l	97
12) 1,1-Dichloroethene	3.87	96	162462	52.940	ug/l	98
13) Acrolein	3.73	56	78825	267.439	ug/l	99
14) Allyl chloride	4.49	41	283350	53.849	ug/l	98
15) Acrylonitrile	5.17	53	271650	278.646	ug/l	99
16) Acetone	3.95	43	174479	255.746	ug/l	100
17) Carbon Disulfide	4.19	76	482450	48.609	ug/l	99
18) Methyl Acetate	4.48	43	153939	53.964	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	460833	56.229	ug/l	99
20) Methylene Chloride	4.72	84	208812	58.065	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	179565	51.480	ug/l	99
22) Diisopropyl ether	6.13	45	603576	55.810	ug/l	98
23) Vinyl Acetate	6.07	43	1844850	280.596	ug/l	99
24) 1,1-Dichloroethane	6.02	63	323930	54.344	ug/l	99
25) 2-Butanone	6.99	43	330674	262.383	ug/l	97
26) 2,2-Dichloropropane	6.99	77	256367	51.101	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	207683	55.083	ug/l	99
28) Bromochloromethane	7.35	49	128075	58.255	ug/l	98
29) Tetrahydrofuran	7.36	42	231435	277.127	ug/l	99
30) Chloroform	7.52	83	313652	52.453	ug/l	98
31) Cyclohexane	7.79	56	314884	49.867	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	258532	52.359	ug/l	99
36) 1,1-Dichloropropene	7.92	75	249936	50.040	ug/l	100
37) Ethyl Acetate	7.08	43	146776	50.893	ug/l	99
38) Carbon Tetrachloride	7.91	117	225238	50.637	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	326359	49.318	ug/l	100
40) Benzene	8.16	78	764233	52.529	ug/l	100
41) Methacrylonitrile	7.32	41	75951m	49.967	ug/l	
42) 1,2-Dichloroethane	8.24	62	199297	52.088	ug/l	100
43) Isopropyl Acetate	8.28	43	286213	52.662	ug/l	99
44) Trichloroethene	8.94	130	195089	52.177	ug/l	96
45) 1,2-Dichloropropane	9.22	63	197805	54.128	ug/l	98
46) Dibromomethane	9.31	93	101250	53.027	ug/l	99
47) Bromodichloromethane	9.50	83	241821	53.912	ug/l	96
48) Methyl methacrylate	9.29	41	123075	51.498	ug/l	94
49) 1,4-Dioxane	9.30	88	29802	1101.554	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	752625	268.023	ug/l	99
52) Toluene	10.24	92	475654	52.804	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	259902	53.933	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	309026	54.252	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	153029	54.247	ug/l	98
56) Ethyl methacrylate	10.50	69	223908	55.484	ug/l	99
57) 1,3-Dichloropropane	10.79	76	266637	54.231	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	403931	248.241	ug/l	99
59) 2-Hexanone	10.83	43	521940	255.082	ug/l	100
60) Dibromochloromethane	10.98	129	165731	54.574	ug/l	100
61) 1,2-Dibromoethane	11.08	107	144187	54.234	ug/l	99
64) Tetrachloroethene	10.71	164	204182	52.193	ug/l	95
65) Chlorobenzene	11.51	112	488981	52.245	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.58	131	166190	52.689	ug/l	97
67) Ethyl Benzene	11.59	91	907839	52.082	ug/l	100
68) m/p-Xylenes	11.70	106	686016	104.854	ug/l	99
69) o-Xylene	12.02	106	324467	53.189	ug/l	98
70) Styrene	12.04	104	569867	54.556	ug/l	98
71) Bromoform	12.20	173	97361	54.729	ug/l #	99
73) Isopropylbenzene	12.33	105	863080	51.488	ug/l	100
74) N-amyl acetate	12.14	43	249926	53.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	174276	52.765	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	132310m	55.470	ug/l	
77) Bromobenzene	12.60	156	195382	53.771	ug/l	99
78) n-propylbenzene	12.66	91	1061526	51.864	ug/l	100
79) 2-Chlorotoluene	12.75	91	579287	51.231	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	721068	51.953	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	65568	53.996	ug/l	98
82) 4-Chlorotoluene	12.85	91	608780	52.258	ug/l	99
83) tert-Butylbenzene	13.06	119	607919	52.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	721329	51.947	ug/l	99
85) sec-Butylbenzene	13.25	105	890816	52.492	ug/l	99
86) p-Isopropyltoluene	13.36	119	771116	52.241	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	372913	52.316	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	375077	53.144	ug/l	99
89) n-Butylbenzene	13.69	91	783084	52.472	ug/l	100
90) Hexachloroethane	13.95	117	147055	54.082	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	344485	53.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	28522	51.581	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	230208	53.061	ug/l	100
94) Hexachlorobutadiene	15.10	225	112232	52.176	ug/l	99
95) Naphthalene	15.23	128	539689	53.572	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	209509	54.063	ug/l	97

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

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