

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000852.D
 Acq On : 04 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
 APPROVED

apatel
 12/5/2019 2:58:28 PM

Quant Time: Dec 05 08:02:16 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	299309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	512311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	460204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	209027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	173127	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
35) Dibromofluoromethane	7.73	113	158138	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	10.18	98	666288	55.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.64%	
62) 4-Bromofluorobenzene	12.48	95	233636	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	147350	45.733	ug/l	97
3) Chloromethane	2.12	50	195726	49.281	ug/l	100
4) Vinyl Chloride	2.25	62	192540	49.190	ug/l	98
5) Bromomethane	2.65	94	119992	51.072	ug/l	100
6) Chloroethane	2.79	64	120617	50.260	ug/l	99
7) Trichlorofluoromethane	3.13	101	272855	50.865	ug/l	93
8) Diethyl Ether	3.53	74	103575	51.300	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	165375	49.922	ug/l	98
10) Methyl Iodide	4.10	142	204756	49.093	ug/l	99
11) Tert butyl alcohol	4.96	59	85021	265.713	ug/l	100
12) 1,1-Dichloroethene	3.87	96	166430	50.713	ug/l	95
13) Acrolein	3.74	56	85840	272.339	ug/l	100
14) Allyl chloride	4.49	41	296109	52.622	ug/l	98
15) Acrylonitrile	5.18	53	278787	267.408	ug/l	99
16) Acetone	3.96	43	185461	254.202	ug/l	95
17) Carbon Disulfide	4.19	76	529258	49.864	ug/l	100
18) Methyl Acetate	4.48	43	158605	51.991	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	464077	52.950	ug/l	99
20) Methylene Chloride	4.72	84	187561	48.771	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	188774	50.608	ug/l	99
22) Diisopropyl ether	6.13	45	617887	53.425	ug/l	98
23) Vinyl Acetate	6.07	43	1930397	274.554	ug/l	100
24) 1,1-Dichloroethane	6.02	63	327257	51.339	ug/l	99
25) 2-Butanone	6.99	43	373118	276.849	ug/l	97
26) 2,2-Dichloropropane	6.99	77	276731	51.581	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	209260	51.899	ug/l	100
28) Bromochloromethane	7.34	49	135211	57.536	ug/l	96
29) Tetrahydrofuran	7.35	42	250020	279.953	ug/l	98
30) Chloroform	7.52	83	320245	50.080	ug/l	97
31) Cyclohexane	7.79	56	335540	49.689	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	277349	52.525	ug/l	99
36) 1,1-Dichloropropene	7.93	75	261289	51.294	ug/l	99
37) Ethyl Acetate	7.08	43	155008	52.701	ug/l	99
38) Carbon Tetrachloride	7.91	117	241281	53.187	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	351467	52.078	ug/l	97
40) Benzene	8.16	78	774119	52.173	ug/l	98
41) Methacrylonitrile	7.32	41	64699m	41.735	ug/l	
42) 1,2-Dichloroethane	8.25	62	207983	53.300	ug/l	99
43) Isopropyl Acetate	8.28	43	296341	53.464	ug/l	99
44) Trichloroethene	8.94	130	204586	53.651	ug/l	97
45) 1,2-Dichloropropane	9.22	63	199789	53.606	ug/l	99
46) Dibromomethane	9.31	93	103926	53.369	ug/l	99
47) Bromodichloromethane	9.50	83	250144	54.682	ug/l	99
48) Methyl methacrylate	9.30	41	131318	53.877	ug/l	96
49) 1,4-Dioxane	9.30	88	31041	1125.004	ug/l #	89
51) 4-Methyl-2-Pentanone	10.07	43	798754	278.911	ug/l	99
52) Toluene	10.24	92	488706	53.196	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	272910	55.529	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	314899	54.207	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	157249	54.657	ug/l	98
56) Ethyl methacrylate	10.51	69	231679	56.292	ug/l	100
57) 1,3-Dichloropropane	10.79	76	276306	55.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	398517	240.144	ug/l	100
59) 2-Hexanone	10.83	43	620846	297.509	ug/l	99
60) Dibromochloromethane	10.99	129	173337	55.967	ug/l	98
61) 1,2-Dibromoethane	11.09	107	148442	54.747	ug/l	97
64) Tetrachloroethene	10.72	164	210457	52.636	ug/l	96
65) Chlorobenzene	11.52	112	497010	51.956	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	170402	52.858	ug/l	99
67) Ethyl Benzene	11.60	91	925129	51.928	ug/l	98
68) m/p-Xylenes	11.70	106	703396	105.189	ug/l	100
69) o-Xylene	12.03	106	330767	53.051	ug/l	98
70) Styrene	12.04	104	567663	53.172	ug/l	100
71) Bromoform	12.20	173	101887	56.037	ug/l #	99
73) Isopropylbenzene	12.33	105	888973	53.414	ug/l	99
74) N-amyl acetate	12.14	43	254557	54.951	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	179429	54.715	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	137920m	58.237	ug/l	
77) Bromobenzene	12.61	156	192815	53.446	ug/l	99
78) n-propylbenzene	12.67	91	1089288	53.602	ug/l	100
79) 2-Chlorotoluene	12.75	91	593155	52.834	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	721530	52.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68560	56.865	ug/l	97
82) 4-Chlorotoluene	12.86	91	620836	53.676	ug/l	100
83) tert-Butylbenzene	13.08	119	613052	52.915	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	730566	52.991	ug/l	100
85) sec-Butylbenzene	13.25	105	900829	53.463	ug/l	99
86) p-Isopropyltoluene	13.37	119	774272	52.832	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	367581	51.939	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	369140	52.678	ug/l	100
89) n-Butylbenzene	13.70	91	772069	52.106	ug/l	99
90) Hexachloroethane	13.96	117	145808	54.009	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	339974	53.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29541	53.808	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	214381	49.768	ug/l	99
94) Hexachlorobutadiene	15.11	225	105626	49.457	ug/l	99
95) Naphthalene	15.23	128	504679	50.457	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	190752	49.576	ug/l	99

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

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