

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000291.D
 Acq On : 14 Oct 2019 11:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:53:07 AM

Quant Time: Oct 15 01:32:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	312329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	520180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	469929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232477	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	184200	55.91	ug/l	0.00
Spiked Amount			Recovery	=	111.82%	
35) Dibromofluoromethane	7.73	113	168812	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	
50) Toluene-d8	10.18	98	695929	57.66	ug/l	0.00
Spiked Amount			Recovery	=	115.32%	
62) 4-Bromofluorobenzene	12.49	95	253047	55.18	ug/l	0.00
Spiked Amount			Recovery	=	110.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	124425	50.478	ug/l	96
3) Chloromethane	2.12	50	181734	47.617	ug/l	97
4) Vinyl Chloride	2.26	62	196947	51.132	ug/l	97
5) Bromomethane	2.65	94	131549	46.083	ug/l	99
6) Chloroethane	2.79	64	127460	51.287	ug/l	94
7) Trichlorofluoromethane	3.13	101	274238	52.050	ug/l	97
8) Diethyl Ether	3.53	74	101001	54.264	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	169053	52.907	ug/l	98
10) Methyl Iodide	4.10	142	245495	53.847	ug/l	99
11) Tert butyl alcohol	4.97	59	77672	225.279	ug/l	100
12) 1,1-Dichloroethene	3.87	96	166726	52.854	ug/l	94
13) Acrolein	3.74	56	100194	247.870	ug/l	99
14) Allyl chloride	4.48	41	282413	54.025	ug/l	100
15) Acrylonitrile	5.17	53	256090	245.815	ug/l	97
16) Acetone	3.95	43	293077	274.693	ug/l	96
17) Carbon Disulfide	4.19	76	521089	52.467	ug/l	99
18) Methyl Acetate	4.48	43	120053	45.288	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	477659	54.395	ug/l	99
20) Methylene Chloride	4.72	84	188314	52.676	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	190306	52.584	ug/l	93
22) Diisopropyl ether	6.13	45	617515	55.852	ug/l	97
23) Vinyl Acetate	6.07	43	1969420	273.040	ug/l	99
24) 1,1-Dichloroethane	6.03	63	334032	55.350	ug/l	97
25) 2-Butanone	7.00	43	399320	265.689	ug/l	100
26) 2,2-Dichloropropane	6.99	77	301652	54.245	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	217674	55.584	ug/l	98
28) Bromochloromethane	7.34	49	140034	54.053	ug/l	100
29) Tetrahydrofuran	7.36	42	222599	244.386	ug/l	100
30) Chloroform	7.52	83	339268	55.823	ug/l	98
31) Cyclohexane	7.79	56	321935	51.075	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	300718	55.656	ug/l	99
36) 1,1-Dichloropropene	7.93	75	264499	51.935	ug/l	99
37) Ethyl Acetate	7.08	43	146118	48.454	ug/l	98
38) Carbon Tetrachloride	7.91	117	264333	53.605	ug/l	93

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39) Methylcyclohexane	9.19	83	350052	52.516	ug/l	97
40) Benzene	8.17	78	785736	53.387	ug/l	97
41) Methacrylonitrile	7.33	41	71663m	49.924	ug/l	
42) 1,2-Dichloroethane	8.25	62	223448	53.149	ug/l	100
43) Isopropyl Acetate	8.28	43	297133	51.820	ug/l	99
44) Trichloroethene	8.95	130	216638	52.460	ug/l	99
45) 1,2-Dichloropropane	9.22	63	200233	55.438	ug/l	100
46) Dibromomethane	9.31	93	106944	52.967	ug/l	99
47) Bromodichloromethane	9.50	83	267159	56.145	ug/l	97
48) Methyl methacrylate	9.30	41	132963	52.912	ug/l	97
49) 1,4-Dioxane	9.30	88	28338	936.066	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	764508	258.507	ug/l	99
52) Toluene	10.25	92	512264	54.821	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	292050	57.270	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	331124	57.177	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	157860	53.773	ug/l	97
56) Ethyl methacrylate	10.51	69	236650	56.556	ug/l	99
57) 1,3-Dichloropropane	10.80	76	275972	54.738	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	540012	323.551	ug/l	99
59) 2-Hexanone	10.83	43	591455	284.923	ug/l	99
60) Dibromochloromethane	10.99	129	186076	57.187	ug/l	96
61) 1,2-Dibromoethane	11.09	107	152023	53.933	ug/l	100
64) Tetrachloroethene	10.72	164	229582	51.317	ug/l	95
65) Chlorobenzene	11.52	112	536807	54.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	193085	55.423	ug/l	100
67) Ethyl Benzene	11.60	91	994456	54.091	ug/l	100
68) m/p-Xylenes	11.70	106	757091	107.721	ug/l	96
69) o-Xylene	12.03	106	362164	54.016	ug/l	99
70) Styrene	12.05	104	627627	55.505	ug/l	100
71) Bromoform	12.21	173	113706	56.775	ug/l	97
73) Isopropylbenzene	12.33	105	988948	54.556	ug/l	100
74) N-amyl acetate	12.14	43	272413	61.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	178302	52.388	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	150158m	52.527	ug/l	
77) Bromobenzene	12.61	156	220102	54.566	ug/l	97
78) n-propylbenzene	12.67	91	1193856	54.854	ug/l	100
79) 2-Chlorotoluene	12.76	91	666114	55.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	833073	54.807	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	71391	54.641	ug/l	99
82) 4-Chlorotoluene	12.86	91	705841	55.555	ug/l	99
83) tert-Butylbenzene	13.08	119	695294	54.016	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	834094	55.600	ug/l	99
85) sec-Butylbenzene	13.25	105	1025422	55.068	ug/l	100
86) p-Isopropyltoluene	13.37	119	898217	55.330	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	428376	53.901	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	436103	54.900	ug/l	98
89) n-Butylbenzene	13.70	91	895775	55.837	ug/l	98
90) Hexachloroethane	13.96	117	172588	57.413	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	394911	54.907	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32097	49.725	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	267009	53.321	ug/l	100
94) Hexachlorobutadiene	15.11	225	138718	51.188	ug/l	98
95) Naphthalene	15.23	128	605997	54.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	240371	53.261	ug/l	98

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

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