

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012148.D
 Acq On : 10 Jan 2023 17:46
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 03:10:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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 Dadoda
 01/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	158237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	224551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80958	45.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.060%		
35) Dibromofluoromethane	7.716	113	72977	47.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.280%		
50) Toluene-d8	10.179	98	277935	45.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.980%		
62) 4-Bromofluorobenzene	12.483	95	103555	48.485	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	60661	48.088	ug/l	97
3) Chloromethane	2.113	50	54716	47.418	ug/l	98
4) Vinyl Chloride	2.253	62	66889	43.493	ug/l	98
5) Bromomethane	2.650	94	51120	50.859	ug/l	92
6) Chloroethane	2.796	64	46866	45.997	ug/l	97
7) Trichlorofluoromethane	3.131	101	143673	46.894	ug/l	100
8) Diethyl Ether	3.534	74	45210	48.196	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	75846	48.081	ug/l	95
10) Methyl Iodide	4.094	142	96894	45.309	ug/l	94
11) Tert butyl alcohol	4.948	59	45941	216.916	ug/l	98
12) 1,1-Dichloroethene	3.875	96	72189	46.678	ug/l	97
13) Acrolein	3.729	56	19414	205.849	ug/l	97
14) Allyl chloride	4.485	41	94781	45.463	ug/l #	88
15) Acrylonitrile	5.161	53	112302	254.815	ug/l	100
16) Acetone	3.942	43	101063	241.625	ug/l	96
17) Carbon Disulfide	4.198	76	173180	46.072	ug/l	99
18) Methyl Acetate	4.479	43	55366	46.017	ug/l	90
19) Methyl tert-butyl Ether	5.222	73	231591	50.877	ug/l	95
20) Methylene Chloride	4.716	84	108529	62.902	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	81694	47.738	ug/l	94
22) Diisopropyl ether	6.119	45	218427	50.931	ug/l #	94
23) Vinyl Acetate	6.064	43	664671	256.112	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	142616	49.993	ug/l	99
25) 2-Butanone	6.984	43	132418	239.957	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	148588	48.282	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	99393	50.852	ug/l	94
28) Bromochloromethane	7.332	49	32825	45.514	ug/l #	79
29) Tetrahydrofuran	7.350	42	80253	249.143	ug/l #	85
30) Chloroform	7.508	83	169897	52.247	ug/l	98
31) Cyclohexane	7.783	56	107665	47.788	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	160298	50.752	ug/l	97
36) 1,1-Dichloropropene	7.917	75	113745	48.430	ug/l	98
37) Ethyl Acetate	7.070	43	57856	46.006	ug/l #	96
38) Carbon Tetrachloride	7.899	117	152421	51.130	ug/l	99
39) Methylcyclohexane	9.185	83	132918	47.375	ug/l	95
40) Benzene	8.161	78	338297	49.429	ug/l	99

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41) Methacrylonitrile	7.307	41	29543m	43.194	ug/l	
42) 1,2-Dichloroethane	8.240	62	113570	52.414	ug/l	99
43) Isopropyl Acetate	8.271	43	105154	49.895	ug/l #	95
44) Trichloroethene	8.941	130	100189	50.135	ug/l	97
45) 1,2-Dichloropropane	9.216	63	78304	51.350	ug/l	100
46) Dibromomethane	9.307	93	50557	52.665	ug/l	97
47) Bromodichloromethane	9.496	83	131261	53.775	ug/l	99
48) Methyl methacrylate	9.295	41	47812	50.647	ug/l	88
49) 1,4-Dioxane	9.301	88	13962	1050.300	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	292368	260.715	ug/l	95
52) Toluene	10.246	92	230222	50.820	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	131896	51.942	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	141557	51.530	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	75666	54.574	ug/l	96
56) Ethyl methacrylate	10.508	69	98675	54.328	ug/l	94
57) 1,3-Dichloropropane	10.788	76	121946	53.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	161974	243.810	ug/l	92
59) 2-Hexanone	10.831	43	212461	269.816	ug/l	96
60) Dibromochloromethane	10.983	129	100862	55.173	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69253	52.187	ug/l	100
64) Tetrachloroethene	10.721	164	110966	50.445	ug/l	96
65) Chlorobenzene	11.520	112	255580	49.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	103177	52.110	ug/l	98
67) Ethyl Benzene	11.593	91	458666	50.037	ug/l	99
68) m/p-Xylenes	11.703	106	360791	100.352	ug/l	99
69) o-Xylene	12.032	106	174915	51.096	ug/l	98
70) Styrene	12.044	104	299873	51.570	ug/l	99
71) Bromoform	12.209	173	66006	52.467	ug/l #	98
73) Isopropylbenzene	12.331	105	471726	48.981	ug/l	99
74) N-amyl acetate	12.142	43	95945	48.256	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	79906	49.323	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	55319m	39.806	ug/l	
77) Bromobenzene	12.611	156	115188	50.147	ug/l	92
78) n-propylbenzene	12.672	91	548499	48.787	ug/l	98
79) 2-Chlorotoluene	12.758	91	315055	48.989	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	413580	50.068	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	30019	47.972	ug/l	96
82) 4-Chlorotoluene	12.855	91	330585	49.147	ug/l	99
83) tert-Butylbenzene	13.075	119	355196	49.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	408988	50.019	ug/l	99
85) sec-Butylbenzene	13.251	105	518552	49.848	ug/l	98
86) p-Isopropyltoluene	13.367	119	452378	50.195	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	228038	49.526	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	223150	48.516	ug/l	99
89) n-Butylbenzene	13.696	91	391130	50.081	ug/l	98
90) Hexachloroethane	13.965	117	82509	49.348	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	205805	50.172	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15592	48.424	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	130465	51.015	ug/l	99
94) Hexachlorobutadiene	15.111	225	78662	50.979	ug/l	99
95) Naphthalene	15.239	128	266156	52.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	115163	51.794	ug/l	100

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

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