

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015911.D
 Acq On : 10 Oct 2023 20:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/11/2023
 Supervised By :Semsettin Yesilyurt 10/11/2023

Quant Time: Oct 11 01:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	174068	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	295725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	265544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	131675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	85774	54.764	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.520%			
35) Dibromofluoromethane	7.734	113	86466	52.420	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.840%			
50) Toluene-d8	10.191	98	289475	53.249	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.500%			
62) 4-Bromofluorobenzene	12.489	95	111964	50.707	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	37421	53.747	ug/l	96
3) Chloromethane	2.125	50	42214	59.276	ug/l	99
4) Vinyl Chloride	2.259	62	52973	58.322	ug/l	95
5) Bromomethane	2.662	94	43529	58.446	ug/l	100
6) Chloroethane	2.808	64	41220	57.794	ug/l	97
7) Trichlorofluoromethane	3.137	101	104685	54.317	ug/l	99
8) Diethyl Ether	3.546	74	46544	57.084	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.917	101	70749	54.091	ug/l	94
10) Methyl Iodide	4.113	142	69896	53.021	ug/l	97
11) Tert butyl alcohol	4.978	59	57920	155.334	ug/l #	81
12) 1,1-Dichloroethene	3.893	96	58054	57.703	ug/l	90
13) Acrolein	3.747	56	21645	226.107	ug/l	98
14) Allyl chloride	4.497	41	106322	57.318	ug/l	91
15) Acrylonitrile	5.185	53	154013	274.688	ug/l	97
16) Acetone	3.966	43	113110	158.768	ug/l #	87
17) Carbon Disulfide	4.216	76	83658	55.321	ug/l	100
18) Methyl Acetate	4.497	43	127599	60.094	ug/l	92
19) Methyl tert-butyl Ether	5.246	73	255380	56.015	ug/l	98
20) Methylene Chloride	4.740	84	100069	64.151	ug/l	90
21) trans-1,2-Dichloroethene	5.246	96	67342	57.684	ug/l	97
22) Diisopropyl ether	6.143	45	283119	57.063	ug/l	90
23) Vinyl Acetate	6.082	43	733947	269.016	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	152815	55.914	ug/l	97
25) 2-Butanone	7.002	43	197839	230.262	ug/l	94
26) 2,2-Dichloropropane	7.002	77	125677	49.446	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	97430	56.545	ug/l	93
28) Bromochloromethane	7.350	49	85480	54.267	ug/l	93
29) Tetrahydrofuran	7.368	42	129777	276.108	ug/l	92
30) Chloroform	7.527	83	171936	56.401	ug/l	97
31) Cyclohexane	7.801	56	87037	51.886	ug/l	92
32) 1,1,1-Trichloroethane	7.722	97	136840	54.965	ug/l	97
36) 1,1-Dichloropropene	7.935	75	101012	55.294	ug/l	100
37) Ethyl Acetate	7.094	43	84735	54.008	ug/l #	96
38) Carbon Tetrachloride	7.917	117	116409	53.059	ug/l	98
39) Methylcyclohexane	9.197	83	101506	54.702	ug/l	93
40) Benzene	8.179	78	321113	55.932	ug/l	98

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41) Methacrylonitrile	7.325	41	44482m	45.581	ug/l	
42) 1,2-Dichloroethane	8.252	62	108200	55.288	ug/l	93
43) Isopropyl Acetate	8.289	43	156061	53.736	ug/l #	94
44) Trichloroethene	8.953	130	91795	55.256	ug/l	98
45) 1,2-Dichloropropane	9.227	63	94096	54.490	ug/l	98
46) Dibromomethane	9.319	93	56812	55.285	ug/l	96
47) Bromodichloromethane	9.508	83	138527	54.202	ug/l	98
48) Methyl methacrylate	9.307	41	72003	56.139	ug/l	88
49) 1,4-Dioxane	9.307	88	19352	1083.322	ug/l #	62
51) 4-Methyl-2-Pentanone	10.081	43	462772	266.333	ug/l	92
52) Toluene	10.252	92	209470	54.966	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	140808	54.498	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	150237	53.530	ug/l	89
55) 1,1,2-Trichloroethane	10.654	97	88183	53.892	ug/l	95
56) Ethyl methacrylate	10.520	69	121042	54.488	ug/l #	85
57) 1,3-Dichloropropane	10.800	76	143798	54.508	ug/l	98
59) 2-Hexanone	10.843	43	327490	249.125	ug/l	89
60) Dibromochloromethane	10.995	129	105699	53.884	ug/l	99
61) 1,2-Dibromoethane	11.099	107	81484	54.524	ug/l	100
64) Tetrachloroethene	10.727	164	97759	56.412	ug/l	97
65) Chlorobenzene	11.526	112	249422	53.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	102170	53.968	ug/l	98
67) Ethyl Benzene	11.599	91	427252	53.768	ug/l	100
68) m/p-Xylenes	11.709	106	325114	108.579	ug/l	95
69) o-Xylene	12.038	106	163468	54.564	ug/l	97
70) Styrene	12.050	104	287426	54.989	ug/l	96
71) Bromoform	12.215	173	70291	53.318	ug/l #	99
73) Isopropylbenzene	12.337	105	441390	53.140	ug/l	100
74) N-amyl acetate	12.148	43	138832	53.037	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	111067	51.568	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	89529m	58.244	ug/l	
77) Bromobenzene	12.617	156	107357	52.711	ug/l	98
78) n-propylbenzene	12.678	91	524829	52.541	ug/l	99
79) 2-Chlorotoluene	12.763	91	301427	52.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	365197	53.345	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.385	75	36010	51.948	ug/l	91
82) 4-Chlorotoluene	12.861	91	311352	52.509	ug/l	100
83) tert-Butylbenzene	13.080	119	330847	51.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	369256	53.562	ug/l	99
85) sec-Butylbenzene	13.257	105	496057	52.942	ug/l	100
86) p-Isopropyltoluene	13.373	119	405465	52.311	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	211488	51.577	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	212977	51.577	ug/l	100
89) n-Butylbenzene	13.702	91	382056	52.087	ug/l	96
90) Hexachloroethane	13.964	117	81633	52.479	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	199527	52.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19948	52.739	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	124253	50.866	ug/l	99
94) Hexachlorobutadiene	15.117	225	66415	50.773	ug/l	98
95) Naphthalene	15.239	128	305876	54.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	112767	51.896	ug/l	99

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

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