

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016256.D
 Acq On : 08 Nov 2023 10:12
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/09/2023
 Supervised By : Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 00:29:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:22:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	171379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	272917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	238083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	76530	48.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.720%		
35) Dibromofluoromethane	7.734	113	77199	49.795	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.580%		
50) Toluene-d8	10.191	98	311962	49.621	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.240%		
62) 4-Bromofluorobenzene	12.489	95	101316	49.618	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78473	46.763	ug/l	96
3) Chloromethane	2.119	50	92452	47.042	ug/l	99
4) Vinyl Chloride	2.260	62	100709	47.655	ug/l	96
5) Bromomethane	2.662	94	65776	47.361	ug/l	96
6) Chloroethane	2.802	64	64330	47.706	ug/l	97
7) Trichlorofluoromethane	3.137	101	152745	49.680	ug/l	99
8) Diethyl Ether	3.540	74	45597	49.620	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	89136	48.134	ug/l	94
10) Methyl Iodide	4.107	142	101696	50.848	ug/l	97
11) Tert butyl alcohol	4.973	59	29786	242.841	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	84278	48.664	ug/l	91
13) Acrolein	3.741	56	37652	254.499	ug/l	98
14) Allyl chloride	4.497	41	123750	50.354	ug/l #	93
15) Acrylonitrile	5.180	53	93292	255.825	ug/l	97
16) Acetone	3.961	43	61984	239.236	ug/l #	89
17) Carbon Disulfide	4.210	76	255965	48.985	ug/l	99
18) Methyl Acetate	4.491	43	69547	50.516	ug/l	91
19) Methyl tert-butyl Ether	5.235	73	211903	50.554	ug/l	100
20) Methylene Chloride	4.729	84	94632	51.830	ug/l	89
21) trans-1,2-Dichloroethene	5.235	96	96704	48.497	ug/l	93
22) Diisopropyl ether	6.137	45	268487	50.692	ug/l #	86
23) Vinyl Acetate	6.076	43	664913	259.088	ug/l #	93
24) 1,1-Dichloroethane	6.039	63	161700	49.488	ug/l	97
25) 2-Butanone	7.003	43	113354	249.782	ug/l	94
26) 2,2-Dichloropropane	6.997	77	147215	49.503	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	106387	49.507	ug/l	92
28) Bromochloromethane	7.350	49	59815	49.463	ug/l	91
29) Tetrahydrofuran	7.362	42	77958	259.899	ug/l	90
30) Chloroform	7.521	83	167232	49.170	ug/l	97
31) Cyclohexane	7.801	56	145845	47.293	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	153392	49.201	ug/l	98
36) 1,1-Dichloropropene	7.929	75	134356	49.909	ug/l	98
37) Ethyl Acetate	7.088	43	55111	50.667	ug/l #	96
38) Carbon Tetrachloride	7.917	117	139897	50.072	ug/l	97
39) Methylcyclohexane	9.197	83	169585	50.556	ug/l	92
40) Benzene	8.173	78	381372	50.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	26848	48.953	ug/l	94
42) 1,2-Dichloroethane	8.246	62	99981	51.019	ug/l	93
43) Isopropyl Acetate	8.283	43	108839	51.766	ug/l #	91
44) Trichloroethene	8.954	130	108289	49.818	ug/l	97
45) 1,2-Dichloropropane	9.228	63	93086	51.247	ug/l	97
46) Dibromomethane	9.319	93	50472	51.276	ug/l	97
47) Bromodichloromethane	9.508	83	128254	50.682	ug/l	96
48) Methyl methacrylate	9.301	41	61500	52.926	ug/l	87
49) 1,4-Dioxane	9.313	88	11022	1054.743	ug/l #	62
51) 4-Methyl-2-Pentanone	10.081	43	276465	260.031	ug/l	91
52) Toluene	10.252	92	241759	50.567	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	126747	51.666	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	150456	51.349	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	69692	51.369	ug/l	97
56) Ethyl methacrylate	10.520	69	68595	53.562	ug/l #	83
57) 1,3-Dichloropropane	10.801	76	120248	51.997	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	241898	278.562	ug/l	93
59) 2-Hexanone	10.843	43	194262	245.643	ug/l	89
60) Dibromochloromethane	10.996	129	88199	51.981	ug/l	100
61) 1,2-Dibromoethane	11.099	107	66677	51.587	ug/l	98
64) Tetrachloroethene	10.728	164	107745	50.401	ug/l	97
65) Chlorobenzene	11.526	112	254438	50.020	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	94717	50.485	ug/l	98
67) Ethyl Benzene	11.599	91	463961	50.753	ug/l	98
68) m/p-Xylenes	11.715	106	352913	101.782	ug/l	95
69) o-Xylene	12.038	106	167202	51.938	ug/l	95
70) Styrene	12.057	104	238466	51.731	ug/l	98
71) Bromoform	12.215	173	50359	51.729	ug/l #	99
73) Isopropylbenzene	12.337	105	447428	50.575	ug/l	100
74) N-amyl acetate	12.154	43	94139	52.976	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	71942	50.678	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	49766m	44.509	ug/l	
77) Bromobenzene	12.618	156	102090	51.058	ug/l	94
78) n-propylbenzene	12.678	91	528549	50.555	ug/l	99
79) 2-Chlorotoluene	12.764	91	293923	51.013	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	363553	50.970	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	24526	50.797	ug/l	92
82) 4-Chlorotoluene	12.861	91	300139	50.412	ug/l	99
83) tert-Butylbenzene	13.081	119	320830	51.067	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	358693	51.072	ug/l	99
85) sec-Butylbenzene	13.264	105	453666	50.545	ug/l	100
86) p-Isopropyltoluene	13.380	119	394965	51.105	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	191765	49.851	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	188635	50.177	ug/l	99
89) n-Butylbenzene	13.703	91	368226	51.591	ug/l	97
90) Hexachloroethane	13.971	117	74700	50.105	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	165559	50.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10925	48.371	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	97143	50.489	ug/l	98
94) Hexachlorobutadiene	15.123	225	54852	49.761	ug/l	97
95) Naphthalene	15.245	128	175768	51.078	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	77601	48.762	ug/l	97

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

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