

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016533.D
 Acq On : 29 Nov 2023 12:27
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 30 03:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

11/30/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	178139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.715	114	276412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	237320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	107951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	71293	50.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.320%	
35) Dibromofluoromethane	7.746	113	81189	50.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.203	98	312699	49.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.501	95	99667	50.493	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	68415	44.089	ug/l	100
3) Chloromethane	2.131	50	71846	46.413	ug/l	97
4) Vinyl Chloride	2.272	62	81706	46.765	ug/l	95
5) Bromomethane	2.680	94	54362	48.066	ug/l	98
6) Chloroethane	2.820	64	51386	45.558	ug/l	96
7) Trichlorofluoromethane	3.156	101	142461	47.100	ug/l	99
8) Diethyl Ether	3.558	74	39595	49.287	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.936	101	80860	47.094	ug/l	97
10) Methyl Iodide	4.131	142	94009	48.395	ug/l	97
11) Tert butyl alcohol	4.991	59	21204	237.710	ug/l #	78
12) 1,1-Dichloroethene	3.905	96	77569	48.340	ug/l	83
13) Acrolein	3.759	56	46839	277.109	ug/l	98
14) Allyl chloride	4.521	41	90944	49.299	ug/l #	87
15) Acrylonitrile	5.204	53	73913	260.000	ug/l	96
16) Acetone	3.979	43	60208	219.617	ug/l #	82
17) Carbon Disulfide	4.228	76	220503	48.706	ug/l	100
18) Methyl Acetate	4.509	43	55648	53.417	ug/l #	81
19) Methyl tert-butyl Ether	5.259	73	179042	51.200	ug/l	95
20) Methylene Chloride	4.753	84	81612	49.566	ug/l #	79
21) trans-1,2-Dichloroethene	5.265	96	86400	48.343	ug/l	88
22) Diisopropyl ether	6.155	45	193983	50.149	ug/l #	84
23) Vinyl Acetate	6.094	43	455727	255.482	ug/l #	87
24) 1,1-Dichloroethane	6.057	63	132042	48.370	ug/l	96
25) 2-Butanone	7.021	43	87456	230.321	ug/l #	82
26) 2,2-Dichloropropane	7.015	77	128647	47.682	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	94566	49.250	ug/l	86
28) Bromochloromethane	7.368	49	49492	50.165	ug/l #	65
29) Tetrahydrofuran	7.380	42	54095	265.186	ug/l #	77
30) Chloroform	7.539	83	147302	48.413	ug/l	93
31) Cyclohexane	7.813	56	113105	45.777	ug/l #	84
32) 1,1,1-Trichloroethane	7.734	97	140053	47.500	ug/l	94
36) 1,1-Dichloropropene	7.947	75	113585	47.413	ug/l	97
37) Ethyl Acetate	7.106	43	38292	50.998	ug/l #	90
38) Carbon Tetrachloride	7.929	117	131608	46.806	ug/l	99
39) Methylcyclohexane	9.209	83	142126	47.564	ug/l	87
40) Benzene	8.191	78	323110	47.569	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.338	41	19103	46.022	ug/l	#	86
42) 1,2-Dichloroethane	8.264	62	82387	48.946	ug/l		91
43) Isopropyl Acetate	8.301	43	75497	51.133	ug/l	#	82
44) Trichloroethene	8.965	130	100795	48.177	ug/l		92
45) 1,2-Dichloropropane	9.240	63	73156	47.730	ug/l		98
46) Dibromomethane	9.331	93	42766	49.622	ug/l		98
47) Bromodichloromethane	9.520	83	109804	48.256	ug/l		97
48) Methyl methacrylate	9.313	41	42951	51.816	ug/l	#	78
49) 1,4-Dioxane	9.325	88	8012	1003.922	ug/l	#	72
51) 4-Methyl-2-Pentanone	10.093	43	195490	253.802	ug/l	#	83
52) Toluene	10.270	92	210146	48.162	ug/l		94
53) t-1,3-Dichloropropene	10.490	75	105166	49.877	ug/l		100
54) cis-1,3-Dichloropropene	9.953	75	126722	49.596	ug/l	#	84
55) 1,1,2-Trichloroethane	10.666	97	61478	49.435	ug/l		93
56) Ethyl methacrylate	10.532	69	54762	52.034	ug/l	#	73
57) 1,3-Dichloropropane	10.813	76	99548	49.695	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.807	63	175967	270.388	ug/l	#	86
59) 2-Hexanone	10.855	43	140979	231.715	ug/l		80
60) Dibromochloromethane	11.008	129	81141	49.917	ug/l		100
61) 1,2-Dibromoethane	11.111	107	58874	50.131	ug/l		100
64) Tetrachloroethene	10.746	164	99410	47.068	ug/l		97
65) Chlorobenzene	11.538	112	225608	47.470	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.611	131	87376	47.958	ug/l		100
67) Ethyl Benzene	11.611	91	398971	47.822	ug/l		96
68) m/p-Xylenes	11.727	106	308473	95.539	ug/l		93
69) o-Xylene	12.050	106	144283	48.676	ug/l		95
70) Styrene	12.069	104	210391	49.331	ug/l		96
71) Bromoform	12.227	173	46827	49.759	ug/l	#	100
73) Isopropylbenzene	12.349	105	396954	48.489	ug/l		99
74) N-amyl acetate	12.166	43	60026	51.921	ug/l	#	78
75) 1,1,2,2-Tetrachloroethane	12.605	83	60908	50.121	ug/l		99
76) 1,2,3-Trichloropropane	12.654	75	40772m	44.835	ug/l		
77) Bromobenzene	12.629	156	92216	48.377	ug/l		87
78) n-propylbenzene	12.690	91	450446	48.095	ug/l		97
79) 2-Chlorotoluene	12.776	91	248906	47.782	ug/l		97
80) 1,3,5-Trimethylbenzene	12.831	105	319458	48.544	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.398	75	20994	50.516	ug/l	#	86
82) 4-Chlorotoluene	12.873	91	255087	47.693	ug/l		97
83) tert-Butylbenzene	13.093	119	288868	48.640	ug/l		96
84) 1,2,4-Trimethylbenzene	13.142	105	310320	48.435	ug/l		96
85) sec-Butylbenzene	13.276	105	398142	48.472	ug/l		98
86) p-Isopropyltoluene	13.391	119	345235	48.646	ug/l		97
87) 1,3-Dichlorobenzene	13.385	146	172730	47.989	ug/l		99
88) 1,4-Dichlorobenzene	13.465	146	166849	47.360	ug/l		99
89) n-Butylbenzene	13.715	91	306684	49.302	ug/l		95
90) Hexachloroethane	13.983	117	66025	47.683	ug/l		98
91) 1,2-Dichlorobenzene	13.757	146	147638	48.399	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8525	49.866	ug/l		75
93) 1,2,4-Trichlorobenzene	15.025	180	86853	46.722	ug/l		99
94) Hexachlorobutadiene	15.129	225	52296	49.501	ug/l		99
95) Naphthalene	15.257	128	150413	45.761	ug/l		99
96) 1,2,3-Trichlorobenzene	15.446	180	69004	45.671	ug/l		99

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

