Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
Data File : VY017106.D
Acq On : 25 Jan 2024 15:58
Operator : SY/MD
Sample : P1187-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 26 05:36:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 26 05:35:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.795	168	113136	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	195280	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	165457	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69673	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	60554	54.935	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.860%				
35) Dibromofluoromethane	7.722	113	59599	50.568	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.140%				
50) Toluene-d8	10.185	98	228737	51.383	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.760%				
62) 4-Bromofluorobenzene	12.489	95	67681	49.354	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.906	85	6032	6.136	ug/l		93
3) Chloromethane	2.113	50	10759	6.523	ug/l		96
4) Vinyl Chloride	2.253	62	12305	6.527	ug/l		98
5) Bromomethane	2.656	94	9207	6.555	ug/l		96
6) Chloroethane	2.796	64	7330	6.068	ug/l		96
7) Trichlorofluoromethane	3.131	101	11656	5.335	ug/l		93
8) Diethyl Ether	3.534	74	3287	5.043	ug/l		79
9) 1,1,2-Trichlorotrifluo...	3.906	101	6929	5.475	ug/l		99
10) Methyl Iodide	4.095	142	5555	4.621	ug/l	#	95
11) Tert butyl alcohol	4.966	59	2556	30.599	ug/l	#	75
12) 1,1-Dichloroethene	3.875	96	6072	5.242	ug/l		93
13) Acrolein	3.735	56	2961	22.398	ug/l		91
14) Allyl chloride	4.485	41	8923	5.096	ug/l		96
15) Acrylonitrile	5.168	53	6910	24.425	ug/l		98
16) Acetone	3.961	43	11055	30.921	ug/l		92
17) Carbon Disulfide	4.198	76	17799	5.098	ug/l		99
18) Methyl Acetate	4.485	43	5572	4.928	ug/l		96
19) Methyl tert-butyl Ether	5.216	73	13945	4.933	ug/l		93
20) Methylene Chloride	4.716	84	10593	6.974	ug/l		97
21) trans-1,2-Dichloroethene	5.222	96	7025	5.243	ug/l		97
22) Diisopropyl ether	6.125	45	19045	4.928	ug/l		96
23) Vinyl Acetate	6.064	43	44680	23.833	ug/l		98
24) 1,1-Dichloroethane	6.027	63	12576	5.335	ug/l		98
25) 2-Butanone	6.990	43	12422	28.306	ug/l		93
26) 2,2-Dichloropropane	6.984	77	10883	5.405	ug/l		97
27) cis-1,2-Dichloroethene	6.997	96	7509	5.057	ug/l		94
28) Bromochloromethane	7.338	49	4868	5.187	ug/l	#	98
29) Tetrahydrofuran	7.356	42	5309	23.752	ug/l		98
30) Chloroform	7.515	83	13117	5.465	ug/l		93
31) Cyclohexane	7.789	56	12553	5.763	ug/l	#	74
32) 1,1,1-Trichloroethane	7.710	97	11256	5.469	ug/l		99
36) 1,1-Dichloropropene	7.923	75	10062	5.189	ug/l		99
37) Ethyl Acetate	7.082	43	3655	4.383	ug/l	#	96
38) Carbon Tetrachloride	7.905	117	9934	5.228	ug/l		98
39) Methylcyclohexane	9.191	83	10921	4.682	ug/l		90
40) Benzene	8.167	78	28702	5.097	ug/l		97

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41) Methacrylonitrile	7.332	41	2589m	5.806	ug/l		
42) 1,2-Dichloroethane	8.246	62	7700	5.274	ug/l		99
43) Isopropyl Acetate	8.277	43	7416	4.764	ug/l	#	84
44) Trichloroethene	8.947	130	7466	5.169	ug/l		96
45) 1,2-Dichloropropane	9.222	63	7147	5.171	ug/l		94
46) Dibromomethane	9.307	93	3599	4.903	ug/l		98
47) Bromodichloromethane	9.502	83	9201	4.927	ug/l		99
48) Methyl methacrylate	9.295	41	3821	4.421	ug/l		96
49) 1,4-Dioxane	9.313	88	764	105.820	ug/l	#	67
51) 4-Methyl-2-Pentanone	10.075	43	18990	22.934	ug/l		99
52) Toluene	10.252	92	17662	5.182	ug/l		100
53) t-1,3-Dichloropropene	10.472	75	8157	4.781	ug/l		96
54) cis-1,3-Dichloropropene	9.935	75	10009	4.770	ug/l		94
55) 1,1,2-Trichloroethane	10.648	97	4970	4.844	ug/l		98
56) Ethyl methacrylate	10.520	69	3938	4.389	ug/l		96
57) 1,3-Dichloropropane	10.795	76	8505	4.903	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	13440	21.580	ug/l		99
59) 2-Hexanone	10.837	43	15483	24.509	ug/l		94
60) Dibromochloromethane	10.990	129	5713	4.793	ug/l		99
61) 1,2-Dibromoethane	11.093	107	4661	5.001	ug/l		98
64) Tetrachloroethene	10.728	164	5930	5.142	ug/l		95
65) Chlorobenzene	11.520	112	17741	5.060	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.599	131	6114	4.774	ug/l		98
67) Ethyl Benzene	11.599	91	30235	4.743	ug/l		97
68) m/p-Xylenes	11.709	106	22122	9.237	ug/l		100
69) o-Xylene	12.032	106	10267	4.720	ug/l		97
70) Styrene	12.051	104	13473	4.266	ug/l		95
71) Bromoform	12.215	173	3152	4.908	ug/l	#	95
73) Isopropylbenzene	12.337	105	27014	4.716	ug/l		98
74) N-amyl acetate	12.154	43	5615	4.864	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.587	83	5513	5.048	ug/l		99
76) 1,2,3-Trichloropropane	12.642	75	3289m	3.889	ug/l		
77) Bromobenzene	12.617	156	6164	4.974	ug/l		96
78) n-propylbenzene	12.678	91	35451	5.146	ug/l		99
79) 2-Chlorotoluene	12.764	91	19486	5.154	ug/l		98
80) 1,3,5-Trimethylbenzene	12.819	105	21348	4.709	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.380	75	1521	4.656	ug/l		97
82) 4-Chlorotoluene	12.861	91	19587	4.999	ug/l		97
83) tert-Butylbenzene	13.081	119	18518	4.723	ug/l		95
84) 1,2,4-Trimethylbenzene	13.130	105	20534	4.558	ug/l		99
85) sec-Butylbenzene	13.258	105	28994	4.994	ug/l		99
86) p-Isopropyltoluene	13.380	119	22359	4.623	ug/l		99
87) 1,3-Dichlorobenzene	13.373	146	12484	5.102	ug/l		98
88) 1,4-Dichlorobenzene	13.453	146	12488	5.187	ug/l		93
89) n-Butylbenzene	13.703	91	22476	4.818	ug/l		100
90) Hexachloroethane	13.965	117	5301	5.259	ug/l		98
91) 1,2-Dichlorobenzene	13.745	146	10290	4.924	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	759	5.441	ug/l		77
93) 1,2,4-Trichlorobenzene	15.013	180	5219	4.779	ug/l		97
94) Hexachlorobutadiene	15.117	225	3397	5.169	ug/l		97
95) Naphthalene	15.239	128	8862	4.595	ug/l		98
96) 1,2,3-Trichlorobenzene	15.428	180	4647	5.115	ug/l		98

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

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