Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
Data File : VY018183.D
Acq On : 08 May 2024 12:21
Operator : SY/MD
Sample : P2252-23
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

Quant Time: May 09 02:24:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.783	168	241702	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.685	114	394027	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.490	117	341728	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160479	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.137	65	102569	57.684	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.360%				
35) Dibromofluoromethane	7.710	113	120833	58.351	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.700%				
50) Toluene-d8	10.179	98	462518	56.680	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.360%				
62) 4-Bromofluorobenzene	12.483	95	147802	56.086	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.180%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	3.863	96	242640	103.805	ug/l		97
16) Acetone	3.936	43	237493	669.291	ug/l		93
20) Methylene Chloride	4.704	84	413668	164.933	ug/l		97
24) 1,1-Dichloroethane	6.009	63	309001	79.533	ug/l		99
25) 2-Butanone	6.972	43	292112	514.994	ug/l		93
26) 2,2-Dichloropropane	6.966	77	395696	112.529	ug/l		97
28) Bromochloromethane	7.326	49	213280	137.344	ug/l		96
30) Chloroform	7.496	83	210391	51.872	ug/l		98
32) 1,1,1-Trichloroethane	7.698	97	508699	139.929	ug/l		99
38) Carbon Tetrachloride	7.893	117	181676	56.008	ug/l		99
45) 1,2-Dichloropropane	9.210	63	441621	211.541	ug/l		100
52) Toluene	10.240	92	445424	72.457	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	499331	180.178	ug/l		96
54) cis-1,3-Dichloropropene	9.923	75	520593	153.676	ug/l		94
55) 1,1,2-Trichloroethane	10.642	97	338306	205.199	ug/l		97
59) 2-Hexanone	10.831	43	116119	129.017	ug/l		97
60) Dibromochloromethane	10.984	129	330837	154.668	ug/l		99
61) 1,2-Dibromoethane	11.087	107	166826	107.431	ug/l		99
64) Tetrachloroethene	10.721	164	219445	96.449	ug/l		98
65) Chlorobenzene	11.514	112	1294155	185.944	ug/l		98
67) Ethyl Benzene	11.593	91	422118	35.921	ug/l		95
68) m/p-Xylenes	11.703	106	659891	142.001	ug/l		97
69) o-Xylene	12.026	106	643566	144.309	ug/l		97
70) Styrene	12.044	104	1099548	147.638	ug/l		98
71) Bromoform	12.209	173	113062	90.767	ug/l	#	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	242522	126.355	ug/l		100
76) 1,2,3-Trichloropropane	12.636	75	283458	220.670	ug/l	#	100
82) 4-Chlorotoluene	12.855	91	1451395	185.796	ug/l		98
88) 1,4-Dichlorobenzene	13.447	146	607568	116.751	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	178788	38.967	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	54255	207.595	ug/l		95
93) 1,2,4-Trichlorobenzene	15.007	180	499465	193.636	ug/l		98

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

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