Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
Data File : VY016266.D
Acq On : 08 Nov 2023 16:30
Operator : SY/MD
Sample : 05047-23DL 4X
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

Quant Time: Nov 09 12:18:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	174934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	242646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	113151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78565	49.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.280%			
35) Dibromofluoromethane	7.728	113	82569	51.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.360%			
50) Toluene-d8	10.185	98	332733	51.359	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.720%			
62) 4-Bromofluorobenzene	12.489	95	106949	50.828	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.660%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.881	96	20178	11.414	ug/l	89
16) Acetone	3.960	43	24562	92.874	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	193981	45.338	ug/l	100
20) Methylene Chloride	4.722	84	81707	43.265	ug/l	88
21) trans-1,2-Dichloroethene	5.234	96	66012	32.432	ug/l	92
24) 1,1-Dichloroethane	6.027	63	126294	37.866	ug/l	96
25) 2-Butanone	6.996	43	41742	90.112	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	51717	23.577	ug/l	81
30) Chloroform	7.514	83	52668	15.171	ug/l	96
31) Cyclohexane	7.795	56	3404	1.081	ug/l #	1
32) 1,1,1-Trichloroethane	7.709	97	32245	10.133	ug/l	98
44) Trichloroethene	8.947	130	41490	18.523	ug/l	99
45) 1,2-Dichloropropane	9.221	63	21077	11.260	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	47896	43.717	ug/l	91
52) Toluene	10.252	92	156868	31.840	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	22317	8.828	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	92846	30.750	ug/l #	89
59) 2-Hexanone	10.843	43	22548	27.668	ug/l	95
61) 1,2-Dibromoethane	11.093	107	14850	11.149	ug/l	100
64) Tetrachloroethene	10.727	164	11631	5.338	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.599	131	89709	46.916	ug/l	98
67) Ethyl Benzene	11.605	91	404382	43.403	ug/l	99
68) m/p-Xylenes	11.709	106	116665	33.014	ug/l	96
69) o-Xylene	12.038	106	114715	34.964	ug/l	97
70) Styrene	12.050	104	264937	56.393	ug/l	94
71) Bromoform	12.215	173	40893	41.216	ug/l #	99
73) Isopropylbenzene	12.337	105	353534	38.584	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	24067	16.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	195494	26.875	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	153522	39.428	ug/l	99
89) n-Butylbenzene	13.702	91	175368	23.723	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	98298	28.792	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	33005	16.562	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	74821	45.394	ug/l	97

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

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