Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
Data File : VY014217.D
Acq On : 16 Jun 2023 20:42
Operator : KP/MD
Sample : 03224-17RE
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2023
Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 17 04:32:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.758	168	58250	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.685	114	112381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.526	117	98236	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.440	152	18843	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.191	65	78854m	97.214	ug/l	0.05
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.420%#			
35) Dibromofluoromethane	7.740	113	57768m	72.484	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 144.960%			
50) Toluene-d8	10.179	98	284172m	95.373	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 190.740%#			
62) 4-Bromofluorobenzene	12.501	95	25762	24.340	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 48.680%			
Target Compounds						Qvalue
3) Chloromethane	2.101	50	8622	10.474	ug/l	93
30) Chloroform	7.515	83	24924m	17.653	ug/l	
39) Methylcyclohexane	9.264	83	180194m	130.711	ug/l	
40) Benzene	8.142	78	29539	7.995	ug/l	92
44) Trichloroethene	8.929	130	4910m	4.974	ug/l	
52) Toluene	10.246	92	100835m	44.026	ug/l	
64) Tetrachloroethene	10.721	164	65474m	78.194	ug/l	
67) Ethyl Benzene	11.617	91	51129	12.375	ug/l	99
68) m/p-Xylenes	11.727	106	69147	43.510	ug/l	96
69) o-Xylene	12.050	106	26565	17.680	ug/l	98
73) Isopropylbenzene	12.349	105	33579	23.360	ug/l	91
78) n-propylbenzene	12.684	91	37790	21.524	ug/l	95
80) 1,3,5-Trimethylbenzene	12.825	105	23529	19.117	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	40768	33.461	ug/l	96
85) sec-Butylbenzene	13.264	105	12476	8.204	ug/l #	65
86) p-Isopropyltoluene	13.379	119	14350	11.026	ug/l	95
89) n-Butylbenzene	13.702	91	9315	7.717	ug/l #	76

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

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