Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
Data File : VY015217.D
Acq On : 21 Aug 2023 13:51
Operator : SY/MD
Sample : 04060-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1002

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 01:53:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	135182	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	255711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94375	58.158	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.320%			
35) Dibromofluoromethane	7.710	113	76927	46.762	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.520%			
50) Toluene-d8	10.221	98	330495m	53.968	ug/l	0.04
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.940%			
62) 4-Bromofluorobenzene	12.477	95	127113	56.829	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	293922	1159.068	ug/l #	80
13) Acrolein	3.723	56	9706	47.022	ug/l #	58
15) Acrylonitrile	5.155	53	20231	41.996	ug/l	96
16) Acetone	3.930	43	31092050m	58650.851	ug/l	
17) Carbon Disulfide	4.180	76	10081	6.090	ug/l	97
18) Methyl Acetate	4.472	43	12723	6.549	ug/l #	91
20) Methylene Chloride	4.704	84	68383	54.160	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	2410	2.271	ug/l	92
22) Diisopropyl ether	6.112	45	4717	1.133	ug/l #	80
31) Cyclohexane	7.758	56	9377462m	6815.090	ug/l	
39) Methylcyclohexane	9.185	83	8271037	4053.908	ug/l	94
40) Benzene	8.161	78	468050	85.062	ug/l	100
52) Toluene	10.240	92	57800688m	15937.401	ug/l	
64) Tetrachloroethene	10.721	164	30998	17.312	ug/l	98
67) Ethyl Benzene	11.587	91	17009220	2073.165	ug/l #	67
68) m/p-Xylenes	11.703	106	15492480	4971.785	ug/l #	1
69) o-Xylene	12.026	106	3782008	1218.357	ug/l	93
73) Isopropylbenzene	12.325	105	127363	14.348	ug/l	100
78) n-propylbenzene	12.666	91	174991	16.601	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	67833	9.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	336189	45.470	ug/l	97
85) sec-Butylbenzene	13.251	105	21035	2.121	ug/l	85
86) p-Isopropyltoluene	13.367	119	118778	14.447	ug/l	98
89) n-Butylbenzene	13.690	91	62838	8.106	ug/l #	72
95) Naphthalene	15.233	128	870922	135.837	ug/l	99

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

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