Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012418.D
Acq On : 28 Oct 2020 11:37
Operator : CG/JU
Sample : L4214-02
Misc : LOQ-SOIL-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations APPROVED
mohammad
10/29/2020 10:44:12 AM

Quant Time: Oct 28 12:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	494	0.40	ng	# 0.00
7) Naphthalene-d8	10.364	136	2035	0.40	ng	# 0.01
13) Acenaphthene-d10	14.230	164	1260	0.40	ng	0.01
19) Phenanthrene-d10	16.980	188	2585	0.40	ng	# 0.01
29) Chrysene-d12	21.184	240	2687	0.40	ng	# 0.01
36) Perylene-d12	23.354	264	3270	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.194	112	511	0.30	ng	0.00
5) Phenol-d6	6.765	99	538	0.26	ng	0.00
8) Nitrobenzene-d5	8.755	82	524	0.23	ng	0.03
11) 2-Methylnaphthalene-d10	11.971	152	976	0.30	ng	0.02
14) 2,4,6-Tribromophenol	15.740	330	228	0.25	ng	0.01
15) 2-Fluorobiphenyl	12.860	172	1169	0.25	ng	0.01
27) Fluoranthene-d10	19.018	212	2708	0.34	ng	0.00
31) Terphenyl-d14	19.623	244	2072	0.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	83	0.10	ng	# 55
3) n-Nitrosodimethylamine	3.511	42	141	0.07	ng	# 67
6) bis(2-Chloroethyl)ether	7.031	93	77m	0.06	ng	
9) Naphthalene	10.415	128	452	0.08	ng	# 43
10) Hexachlorobutadiene	10.681	225	87	0.07	ng	# 99
12) 2-Methylnaphthalene	12.042	142	259	0.07	ng	# 77
16) Acenaphthylene	13.951	152	480	0.08	ng	98
17) Acenaphthene	14.281	154	289	0.07	ng	88
18) Fluorene	15.296	166	361	0.07	ng	93
20) 4,6-Dinitro-2-methylph...	15.461	198	36m	0.06	ng	
21) 4-Bromophenyl-phenylether	16.177	248	96	0.06	ng	# 78
22) Hexachlorobenzene	16.287	284	146	0.08	ng	# 83
23) Atrazine	16.469	200	117	0.08	ng	# 49
24) Pentachlorophenol	16.640	266	122	0.14	ng	93
25) Phenanthrene	17.017	178	553	0.07	ng	96
26) Anthracene	17.114	178	505	0.07	ng	96
28) Fluoranthene	19.047	202	728	0.08	ng	98
30) Pyrene	19.410	202	733	0.08	ng	# 94
32) Benzo(a)anthracene	21.174	228	570	0.07	ng	# 77
33) Chrysene	21.216	228	784	0.09	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.099	149	737	0.14	ng	# 91
35) Indeno(1,2,3-cd)pyrene	25.531	276	1094	0.08	ng	# 89
37) Benzo(b)fluoranthene	22.714	252	728	0.07	ng	# 5
38) Benzo(k)fluoranthene	22.751	252	746	0.07	ng	# 29
39) Benzo(a)pyrene	23.268	252	843	0.08	ng	# 1
40) Dibenzo(a,h)anthracene	25.544	278	823	0.07	ng	# 6
41) Benzo(g,h,i)perylene	26.181	276	989	0.08	ng	# 66

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

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