Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015771.D
Acq On : 03 Aug 2021 16:40
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:24 PM

Quant Time: Aug 03 18:25:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	33722	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	149702	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	73611	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	138496	0.400	ng		0.00
29) Chrysene-d12	21.376	240	113686	0.400	ng	#	0.01
35) Perylene-d12	23.710	264	110973	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	29967	0.363	ng		0.00
5) Phenol-d6	6.951	99	34659	0.348	ng		0.00
8) Nitrobenzene-d5	8.937	82	26573	0.276	ng		0.01
11) 2-Methylnaphthalene-d10	12.163	152	72996	0.325	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	7118	0.267	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	99073	0.338	ng		0.00
27) Fluoranthene-d10	19.207	212	112182	0.311	ng		0.00
31) Terphenyl-d14	19.813	244	99708	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	889	0.081	ng		95
3) n-Nitrosodimethylamine	3.751	42	1483	0.066	ng		99
6) bis(2-Chloroethyl)ether	7.218	93	9700	0.107	ng		98
9) Naphthalene	10.622	128	40924	0.104	ng		100
10) Hexachlorobutadiene	10.914	225	6947	0.101	ng	#	99
12) 2-Methylnaphthalene	12.234	142	26178	0.104	ng		99
16) Acenaphthylene	14.129	152	25697	0.085	ng		100
17) Acenaphthene	14.472	154	20843	0.098	ng		99
18) Fluorene	15.461	166	24153	0.095	ng		99
20) 4,6-Dinitro-2-methylph...	15.550	198	282	0.100	ng	#	34
21) 4-Bromophenyl-phenylether	16.360	248	7513	0.092	ng		97
22) Hexachlorobenzene	16.470	284	9343	0.100	ng		99
23) Atrazine	16.628	200	4011	0.080	ng		97
24) Pentachlorophenol	16.823	266	1309	0.045	ng		98
25) Phenanthrene	17.200	178	40973	0.099	ng		99
26) Anthracene	17.298	178	30498	0.088	ng		100
28) Fluoranthene	19.237	202	41083	0.096	ng		100
30) Pyrene	19.599	202	38264	0.101	ng		100
32) Benzo(a)anthracene	21.355	228	28976	0.083	ng		99
33) Chrysene	21.408	228	37883	0.101	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	9497	0.298	ng		100
36) Indeno(1,2,3-cd)pyrene	26.113	276	33944	0.086	ng		96
37) Benzo(b)fluoranthene	23.005	252	33743	0.088	ng		97
38) Benzo(k)fluoranthene	23.050	252	39998m	0.100	ng		
39) Benzo(a)pyrene	23.608	252	27087	0.085	ng	#	94
40) Dibenzo(a,h)anthracene	26.130	278	27960	0.085	ng	#	86
41) Benzo(g,h,i)perylene	26.842	276	30583	0.089	ng		98

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

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