Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081121\
Data File : BN015848.D
Acq On : 11 Aug 2021 12:04
Operator : CG/JU
Sample : M1458-03
Misc : MDL-MDL-SOIL 0.1ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations APPROVED
mohammad
8/12/2021 1:43:28 PM

Quant Time: Aug 11 12:53:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 12:37:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8342	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	41550	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	23883	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	48837	0.400	ng		0.00
29) Chrysene-d12	21.493	240	52730	0.400	ng		0.00
35) Perylene-d12	23.926	264	49117	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	7227	0.333	ng		0.00
5) Phenol-d6	7.080	99	9490	0.323	ng		0.00
8) Nitrobenzene-d5	9.076	82	9616	0.295	ng		0.00
11) 2-Methylnaphthalene-d10	12.319	152	26118	0.391	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2937	0.275	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	29582	0.308	ng		0.00
27) Fluoranthene-d10	19.341	212	56752	0.383	ng		0.00
31) Terphenyl-d14	19.937	244	49260	0.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	352	0.101	ng	#	96
3) n-Nitrosodimethylamine	3.788	42	640	0.075	ng	#	98
6) bis(2-Chloroethyl)ether	7.347	93	2419	0.106	ng		99
9) Naphthalene	10.774	128	10885	0.100	ng		98
10) Hexachlorobutadiene	11.066	225	2881	0.102	ng	#	99
12) 2-Methylnaphthalene	12.390	142	7394	0.098	ng		99
16) Acenaphthylene	14.281	152	8577	0.084	ng		99
17) Acenaphthene	14.624	154	6254	0.093	ng		99
18) Fluorene	15.601	166	7778	0.091	ng		98
20) 4,6-Dinitro-2-methylph...	15.690	198	164	0.034	ng	#	7
21) 4-Bromophenyl-phenylether	16.494	248	2452	0.094	ng		95
22) Hexachlorobenzene	16.616	284	3313	0.098	ng		98
23) Atrazine	16.762	200	1818	0.079	ng		94
24) Pentachlorophenol	16.957	266	642	0.049	ng		99
25) Phenanthrene	17.346	178	12645	0.092	ng		98
26) Anthracene	17.444	178	10967	0.089	ng		99
28) Fluoranthene	19.371	202	15261	0.093	ng		99
30) Pyrene	19.733	202	14718	0.088	ng		99
32) Benzo(a)anthracene	21.482	228	15600	0.091	ng		99
33) Chrysene	21.535	228	15914	0.093	ng		100
34) Bis(2-ethylhexyl)phtha...	21.408	149	5893	0.075	ng		99
36) Indeno(1,2,3-cd)pyrene	26.445	276	14665	0.087	ng		97
37) Benzo(b)fluoranthene	23.187	252	16108m	0.094	ng		
38) Benzo(k)fluoranthene	23.235	252	15021	0.094	ng		95
39) Benzo(a)pyrene	23.817	252	14234	0.096	ng	#	92
40) Dibenzo(a,h)anthracene	26.462	278	11730	0.086	ng	#	85
41) Benzo(g,h,i)perylene	27.215	276	12958	0.087	ng		97

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

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