Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015863.D
Acq On : 12 Aug 2021 15:48
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
mohammad
8/13/2021 5:13:23 PM

Quant Time: Aug 12 16:20:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 16:19:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	7183	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	34683	0.400	ng	#	0.00
13) Acenaphthene-d10	14.561	164	19775	0.400	ng		0.01
19) Phenanthrene-d10	17.298	188	40733	0.400	ng		0.00
29) Chrysene-d12	21.504	240	44664	0.400	ng	#	0.01
35) Perylene-d12	23.940	264	40818	0.400	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	6772	0.381	ng		0.00
5) Phenol-d6	7.080	99	8956	0.371	ng		0.00
8) Nitrobenzene-d5	9.076	82	9742	0.336	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	24941	0.446	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2452	0.282	ng		0.00
15) 2-Fluorobiphenyl	13.178	172	28425	0.365	ng		0.00
27) Fluoranthene-d10	19.341	212	55206	0.440	ng		0.00
31) Terphenyl-d14	19.937	244	48026	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	270	0.095	ng	#	81
3) n-Nitrosodimethylamine	3.797	42	620	0.085	ng	#	91
6) bis(2-Chloroethyl)ether	7.347	93	2297	0.120	ng		100
9) Naphthalene	10.774	128	10426	0.116	ng		97
10) Hexachlorobutadiene	11.066	225	2828	0.116	ng	#	100
12) 2-Methylnaphthalene	12.390	142	7049	0.114	ng		100
16) Acenaphthylene	14.269	152	8248	0.103	ng		100
17) Acenaphthene	14.611	154	5981	0.108	ng		99
18) Fluorene	15.601	166	7432	0.108	ng		100
20) 4,6-Dinitro-2-methylph...	15.690	198	182m	0.046	ng		
21) 4-Bromophenyl-phenylether	16.494	248	2268	0.103	ng	#	91
22) Hexachlorobenzene	16.616	284	3254	0.113	ng		99
23) Atrazine	16.762	200	1771	0.097	ng		96
24) Pentachlorophenol	16.957	266	550	0.052	ng		96
25) Phenanthrene	17.346	178	12221	0.109	ng		98
26) Anthracene	17.431	178	10548	0.106	ng		99
28) Fluoranthene	19.371	202	14875	0.110	ng		99
30) Pyrene	19.733	202	14259	0.107	ng		100
32) Benzo(a)anthracene	21.482	228	14900	0.106	ng		99
33) Chrysene	21.535	228	15387	0.109	ng		99
34) Bis(2-ethylhexyl)phtha...	21.419	149	5521	0.095	ng		99
36) Indeno(1,2,3-cd)pyrene	26.456	276	13206	0.097	ng		98
37) Benzo(b)fluoranthene	23.197	252	15242m	0.108	ng		
38) Benzo(k)fluoranthene	23.245	252	14204	0.107	ng	#	95
39) Benzo(a)pyrene	23.834	252	13096	0.108	ng	#	92
40) Dibenzo(a,h)anthracene	26.483	278	10587	0.095	ng	#	90
41) Benzo(g,h,i)perylene	27.229	276	11794	0.100	ng		98

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

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