Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
Data File : BN017493.D
Acq On : 17 Nov 2021 13:33
Operator : CG/JU
Sample : M4068-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 17 14:01:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	23994	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	102818	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	52304	0.400	ng	-0.01
19) Phenanthrene-d10	17.238	188	91388	0.400	ng	0.00
29) Chrysene-d12	21.420	240	64411	0.400	ng	# 0.00
35) Perylene-d12	23.800	264	45081	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.440	112	25205	0.441	ng	0.00
5) Phenol-d6	7.026	99	27051	0.440	ng	0.00
8) Nitrobenzene-d5	9.014	82	25034	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	12.248	152	69275	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	4997	0.376	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	91935	0.466	ng	-0.01
27) Fluoranthene-d10	19.267	212	110810	0.406	ng	0.00
31) Terphenyl-d14	19.868	244	86120	0.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	784	0.074	ng	# 73
3) n-Nitrosodimethylamine	3.743	42	1790	0.089	ng	# 81
6) bis(2-Chloroethyl)ether	7.293	93	8355	0.127	ng	94
9) Naphthalene	10.712	128	31124	0.120	ng	100
10) Hexachlorobutadiene	11.016	225	6340	0.117	ng	# 100
12) 2-Methylnaphthalene	12.319	142	19931	0.122	ng	97
16) Acenaphthylene	14.206	152	19820	0.102	ng	100
17) Acenaphthene	14.549	154	16338	0.116	ng	99
18) Fluorene	15.539	166	18670	0.115	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	86	0.120	ng	# 1
21) 4-Bromophenyl-phenylether	16.434	248	5725	0.111	ng	# 70
22) Hexachlorobenzene	16.544	284	6909	0.118	ng	94
23) Atrazine	16.702	200	2811	0.095	ng	# 92
24) Pentachlorophenol	16.897	266	721	0.136	ng	97
25) Phenanthrene	17.274	178	29554	0.118	ng	100
26) Anthracene	17.372	178	22806	0.109	ng	100
28) Fluoranthene	19.297	202	31803	0.118	ng	99
30) Pyrene	19.660	202	30249	0.131	ng	100
32) Benzo(a)anthracene	21.409	228	21678	0.109	ng	100
33) Chrysene	21.462	228	23954	0.117	ng	99
34) Bis(2-ethylhexyl)phtha...	21.345	149	10523	0.101	ng	98
36) Indeno(1,2,3-cd)pyrene	26.255	276	9056	0.087	ng	# 94
37) Benzo(b)fluoranthene	23.078	252	19105	0.113	ng	# 91
38) Benzo(k)fluoranthene	23.126	252	17973	0.115	ng	# 88
39) Benzo(a)pyrene	23.694	252	13859	0.106	ng	# 83
40) Dibenzo(a,h)anthracene	26.275	278	6211	0.078	ng	# 60
41) Benzo(g,h,i)perylene	27.001	276	10459	0.107	ng	93

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

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