Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111721\
Data File : BN017495.D
Acq On : 17 Nov 2021 16:06
Operator : CG/JU
Sample : M4068-02
Misc : LOQ-SOIL 0.1ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Quant Time: Nov 17 16:36:04 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	7.874	152	24798	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	105405	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	53429	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	92156	0.400	ng	0.00
29) Chrysene-d12	21.420	240	66115	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	47637	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	24050	0.407	ng	0.00
5) Phenol-d6	7.026	99	25471	0.401	ng	0.00
8) Nitrobenzene-d5	9.013	82	23325	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	65461	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	4548	0.335	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	87280	0.433	ng	0.00
27) Fluoranthene-d10	19.267	212	103265	0.375	ng	0.00
31) Terphenyl-d14	19.868	244	80364	0.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	771	0.071	ng	# 54
3) n-Nitrosodimethylamine	3.752	42	1777	0.086	ng	# 91
6) bis(2-Chloroethyl)ether	7.293	93	8047	0.118	ng	94
9) Naphthalene	10.712	128	29637	0.112	ng	99
10) Hexachlorobutadiene	11.016	225	6187	0.112	ng	# 100
12) 2-Methylnaphthalene	12.324	142	19025	0.113	ng	97
16) Acenaphthylene	14.206	152	18490	0.093	ng	100
17) Acenaphthene	14.549	154	15478	0.107	ng	99
18) Fluorene	15.538	166	17548	0.106	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	74	0.115	ng	# 1
21) 4-Bromophenyl-phenylether	16.434	248	5378	0.103	ng	# 74
22) Hexachlorobenzene	16.556	284	6620	0.112	ng	96
23) Atrazine	16.702	200	2655	0.089	ng	# 93
24) Pentachlorophenol	16.897	266	690	0.134	ng	98
25) Phenanthrene	17.274	178	27680	0.109	ng	99
26) Anthracene	17.371	178	21020	0.100	ng	100
28) Fluoranthene	19.297	202	29954	0.110	ng	99
30) Pyrene	19.660	202	28596	0.120	ng	100
32) Benzo(a)anthracene	21.409	228	19825	0.097	ng	99
33) Chrysene	21.462	228	23630	0.112	ng	100
34) Bis(2-ethylhexyl)phtha...	21.345	149	10441	0.098	ng	99
36) Indeno(1,2,3-cd)pyrene	26.251	276	9071	0.083	ng	# 80
37) Benzo(b)fluoranthene	23.078	252	19425	0.109	ng	# 87
38) Benzo(k)fluoranthene	23.123	252	17877	0.109	ng	# 81
39) Benzo(a)pyrene	23.694	252	14069	0.101	ng	# 82
40) Dibenzo(a,h)anthracene	26.272	278	6185	0.074	ng	# 9
41) Benzo(g,h,i)perylene	26.997	276	10033	0.097	ng	95

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

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