Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017476.D
Acq On : 16 Nov 2021 17:30
Operator : CG/JU
Sample : M4386-12DL 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILDL

Quant Time: Nov 17 00:23:34 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	23754	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	109244	0.400	ng	#	0.00
13) Acenaphthene-d10	14.498	164	57078	0.400	ng		0.00
19) Phenanthrene-d10	17.238	188	101862	0.400	ng		0.00
29) Chrysene-d12	21.420	240	81430	0.400	ng	#	0.00
35) Perylene-d12	23.800	264	62918	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	147507	2.609	ng		0.00
5) Phenol-d6	7.035	99	161368	2.652	ng		0.00
8) Nitrobenzene-d5	9.014	82	122971	1.816	ng		0.00
11) 2-Methylnaphthalene-d10	12.400	152	9	0.000	ng		0.15
14) 2,4,6-Tribromophenol	15.983	330	40524	2.795	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	375724	1.745	ng		0.00
27) Fluoranthene-d10	19.263	212	54	0.000	ng		0.00
31) Terphenyl-d14	19.868	244	355956	1.780	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.293	93	159712	2.450	ng		96
9) Naphthalene	10.712	128	361579	1.317	ng		100
10) Hexachlorobutadiene	11.016	225	46	0.001	ng	#	79
12) 2-Methylnaphthalene	12.324	142	538	0.003	ng	#	85
16) Acenaphthylene	14.206	152	700285	3.293	ng		100
17) Acenaphthene	14.562	154	354473	2.298	ng		97
18) Fluorene	15.539	166	322633	1.820	ng		100
21) 4-Bromophenyl-phenylether	16.434	248	69	0.001	ng	#	61
22) Hexachlorobenzene	16.556	284	187263	2.872	ng		99
23) Atrazine	16.714	200	53	0.002	ng	#	21
25) Phenanthrene	17.274	178	940612	3.360	ng		100
26) Anthracene	17.372	178	844178	3.635	ng		100
28) Fluoranthene	19.297	202	987499	3.288	ng		99
30) Pyrene	19.660	202	481205	1.645	ng		100
32) Benzo(a)anthracene	21.409	228	600235	2.381	ng		100
33) Chrysene	21.462	228	257028	0.991	ng		100
34) Bis(2-ethylhexyl)phtha...	21.345	149	952577	7.229	ng		97
36) Indeno(1,2,3-cd)pyrene	26.261	276	1264	0.009	ng	#	1
37) Benzo(b)fluoranthene	23.082	252	531	0.002	ng	#	1
38) Benzo(k)fluoranthene	23.116	252	842	0.004	ng	#	1
39) Benzo(a)pyrene	23.698	252	503	0.003	ng	#	1
40) Dibenzo(a,h)anthracene	26.272	278	1159	0.010	ng	#	1
41) Benzo(g,h,i)perylene	26.997	276	305794	2.239	ng		100

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

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