Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017555.D
Acq On : 22 Nov 2021 21:22
Operator : CG/JU
Sample : M4801-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 23 02:40:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	29743	0.400	ng		0.00
7) Naphthalene-d8	10.649	136	137622	0.400	ng		#-0.01
13) Acenaphthene-d10	14.486	164	73084	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	139661	0.400	ng		0.00
29) Chrysene-d12	21.409	240	117259	0.400	ng		# 0.00
35) Perylene-d12	23.777	264	104413	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.477	112	25055	0.340	ng		0.03
5) Phenol-d6	7.035	99	29614	0.356	ng		0.00
8) Nitrobenzene-d5	9.001	82	30764	0.339	ng		-0.01
11) 2-Methylnaphthalene-d10	12.240	152	83768m	0.365	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	7491	0.334	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	86540	0.318	ng		0.00
27) Fluoranthene-d10	19.258	212	134326	0.313	ng		0.00
31) Terphenyl-d14	19.859	244	87244	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.421	88	9352m	0.656	ng		
3) n-Nitrosodimethylamine	3.725	42	12272	0.418	ng	#	89
6) bis(2-Chloroethyl)ether	7.284	93	36534	0.430	ng		96
9) Naphthalene	10.700	128	139566	0.400	ng		100
10) Hexachlorobutadiene	11.004	225	27298	0.396	ng	#	99
12) 2-Methylnaphthalene	12.311	142	94073	0.419	ng		98
16) Acenaphthylene	14.194	152	130288	0.447	ng		99
17) Acenaphthene	14.537	154	82108	0.408	ng		99
18) Fluorene	15.526	166	102928	0.424	ng		100
20) 4,6-Dinitro-2-methylph...	15.602	198	1726	0.385	ng		97
21) 4-Bromophenyl-phenylether	16.423	248	36099	0.471	ng	#	70
22) Hexachlorobenzene	16.544	284	32658	0.394	ng		94
23) Atrazine	16.678	200	29020	0.571	ng	#	88
24) Pentachlorophenol	16.873	266	3276	0.288	ng		99
25) Phenanthrene	17.262	178	200491	0.513	ng		99
26) Anthracene	17.360	178	160598	0.481	ng		100
28) Fluoranthene	19.288	202	256604	0.594	ng		100
30) Pyrene	19.645	202	247407	0.624	ng		98
32) Benzo(a)anthracene	21.399	228	203219	0.557	ng		99
33) Chrysene	21.452	228	194354	0.499	ng		99
34) Bis(2-ethylhexyl)phtha...	21.335	149	172916	0.992	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.221	276	148766	0.467	ng		97
37) Benzo(b)fluoranthene	23.062	252	201013	0.529	ng		98
38) Benzo(k)fluoranthene	23.109	252	164713	0.447	ng		98
39) Benzo(a)pyrene	23.674	252	168193	0.537	ng		99
40) Dibenzo(a,h)anthracene	26.238	278	109078	0.417	ng	#	96
41) Benzo(g,h,i)perylene	26.967	276	130001	0.476	ng		97

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

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