Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017556.D
Acq On : 22 Nov 2021 21:58
Operator : CG/JU
Sample : M4801-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Nov 23 02:41:05 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	30489	0.400	ng		0.00
7) Naphthalene-d8	10.649	136	138958	0.400	ng		#-0.01
13) Acenaphthene-d10	14.486	164	73254	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	137749	0.400	ng		0.00
29) Chrysene-d12	21.409	240	117146	0.400	ng		# 0.00
35) Perylene-d12	23.777	264	104590	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.477	112	25520	0.338	ng		0.03
5) Phenol-d6	7.035	99	30096	0.353	ng		0.00
8) Nitrobenzene-d5	9.001	82	31597	0.345	ng		-0.01
11) 2-Methylnaphthalene-d10	12.235	152	84446m	0.365	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	7539	0.335	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	87885	0.322	ng		0.00
27) Fluoranthene-d10	19.258	212	133591	0.315	ng		0.00
31) Terphenyl-d14	19.854	244	86966	0.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.430	88	9826m	0.672	ng		
3) n-Nitrosodimethylamine	3.734	42	12648	0.420	ng	#	89
6) bis(2-Chloroethyl)ether	7.293	93	37199	0.427	ng		96
9) Naphthalene	10.700	128	141989	0.403	ng		100
10) Hexachlorobutadiene	11.004	225	27862	0.401	ng	#	100
12) 2-Methylnaphthalene	12.311	142	95258	0.420	ng		98
16) Acenaphthylene	14.194	152	130210	0.446	ng		100
17) Acenaphthene	14.537	154	82405	0.408	ng		99
18) Fluorene	15.526	166	102300	0.421	ng		99
20) 4,6-Dinitro-2-methylph...	15.602	198	1458	0.349	ng		94
21) 4-Bromophenyl-phenylether	16.423	248	35984	0.476	ng	#	67
22) Hexachlorobenzene	16.544	284	33003	0.404	ng		94
23) Atrazine	16.678	200	29351	0.586	ng	#	88
24) Pentachlorophenol	16.873	266	2591	0.271	ng		99
25) Phenanthrene	17.262	178	202050	0.524	ng		99
26) Anthracene	17.360	178	161618	0.490	ng		100
28) Fluoranthene	19.288	202	255762	0.600	ng		100
30) Pyrene	19.650	202	246471	0.622	ng		98
32) Benzo(a)anthracene	21.399	228	203665	0.559	ng		99
33) Chrysene	21.441	228	194499	0.499	ng		98
34) Bis(2-ethylhexyl)phtha...	21.335	149	179997	1.029	ng		99
36) Indeno(1,2,3-cd)pyrene	26.221	276	149618	0.469	ng		97
37) Benzo(b)fluoranthene	23.058	252	197775	0.520	ng	#	98
38) Benzo(k)fluoranthene	23.106	252	169932	0.460	ng		98
39) Benzo(a)pyrene	23.674	252	169429	0.540	ng		99
40) Dibenzo(a,h)anthracene	26.238	278	109963	0.420	ng	#	96
41) Benzo(g,h,i)perylene	26.967	276	130210	0.476	ng		97

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

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