Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019160.D
Acq On : 25 Mar 2022 16:55
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Quant Time: Mar 25 18:49:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4414	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	11410	0.400	ng	#	0.00
13) Acenaphthene-d10	14.484	164	6717	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	14280	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	11395	0.400	ng	#	0.00
35) Perylene-d12	23.782	264	8840	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	16368	1.655	ng		0.00
5) Phenol-d6	7.002	99	19182	1.849	ng		0.00
8) Nitrobenzene-d5	8.993	82	14159	1.721	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	30059	1.588	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	5310	1.638	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	45746	1.699	ng		0.00
27) Fluoranthene-d10	19.257	212	69471	1.639	ng		0.00
31) Terphenyl-d14	19.851	244	40533	1.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	9308	1.706	ng		99
3) n-Nitrosodimethylamine	3.557	42	10364	1.629	ng	#	96
6) bis(2-Chloroethyl)ether	7.255	93	20949	1.698	ng		97
9) Naphthalene	10.690	128	53125	1.636	ng		100
10) Hexachlorobutadiene	11.000	225	11786	1.484	ng	#	100
12) 2-Methylnaphthalene	12.310	142	35224	1.596	ng		99
16) Acenaphthylene	14.196	152	51621	1.656	ng		99
17) Acenaphthene	14.549	154	36316	1.661	ng		97
18) Fluorene	15.532	166	46241	1.678	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	4128	2.343	ng	#	92
21) 4-Bromophenyl-phenylether	16.415	248	15077	1.674	ng	#	90
22) Hexachlorobenzene	16.538	284	18051	1.555	ng		98
23) Atrazine	16.682	200	10149	1.508	ng		96
24) Pentachlorophenol	16.877	266	6138	1.723	ng		98
25) Phenanthrene	17.267	178	75153	1.683	ng		100
26) Anthracene	17.359	178	63185	1.674	ng		100
28) Fluoranthene	19.286	202	87654	1.673	ng		99
30) Pyrene	19.649	202	87138	1.535	ng		100
32) Benzo(a)anthracene	21.395	228	60723	1.729	ng		100
33) Chrysene	21.449	228	77205	1.630	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	32796	1.409	ng		100
36) Indeno(1,2,3-cd)pyrene	26.223	276	58155	1.823	ng		99
37) Benzo(b)fluoranthene	23.057	252	55477	1.720	ng		96
38) Benzo(k)fluoranthene	23.106	252	74924m	1.695	ng		
39) Benzo(a)pyrene	23.673	252	49622	1.691	ng		95
40) Dibenzo(a,h)anthracene	26.243	278	45357	1.825	ng		99
41) Benzo(g,h,i)perylene	26.974	276	62022	1.980	ng		99

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

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