Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033675.D
Acq On : 29 Aug 2024 18:33
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 29 23:25:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:20:50 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.531	152	5463	0.400	ng		0.00
7) Naphthalene-d8	10.293	136	13967	0.400	ng		0.00
13) Acenaphthene-d10	14.167	164	6599	0.400	ng		0.00
19) Phenanthrene-d10	16.917	188	13404	0.400	ng		0.00
29) Chrysene-d12	21.121	240	11646	0.400	ng		0.00
35) Perylene-d12	23.285	264	12595	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.169	112	27249	1.569	ng		0.00
5) Phenol-d6	6.722	99	32479	1.572	ng		0.00
8) Nitrobenzene-d5	8.659	82	19443	1.679	ng		0.00
11) 2-Methylnaphthalene-d10	11.884	152	33018	1.653	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	5465	1.541	ng		0.00
15) 2-Fluorobiphenyl	12.778	172	46439	1.723	ng		0.00
27) Fluoranthene-d10	18.956	212	57030	1.770	ng		0.00
31) Terphenyl-d14	19.570	244	38969	1.472	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.176	88	10159	1.616	ng		99
3) n-Nitrosodimethylamine	3.464	42	12365	1.692	ng		99
6) bis(2-Chloroethyl)ether	6.967	93	24814	1.694	ng		99
9) Naphthalene	10.336	128	62297	1.669	ng		98
10) Hexachlorobutadiene	10.635	225	12922	1.736	ng	#	99
12) 2-Methylnaphthalene	11.960	142	38753	1.640	ng		99
16) Acenaphthylene	13.879	152	48630	1.680	ng		100
17) Acenaphthene	14.231	154	33326	1.637	ng		99
18) Fluorene	15.226	166	41486	1.617	ng		100
20) 4,6-Dinitro-2-methylph...	15.301	198	3742	1.788	ng	#	63
21) 4-Bromophenyl-phenylether	16.123	248	12700	1.560	ng		97
22) Hexachlorobenzene	16.222	284	14453	1.608	ng		100
23) Atrazine	16.396	200	10399	1.600	ng		98
24) Pentachlorophenol	16.569	266	6474	1.662	ng		99
25) Phenanthrene	16.954	178	62192	1.668	ng		100
26) Anthracene	17.041	178	54590	1.655	ng		100
28) Fluoranthene	18.984	202	72929	1.770	ng		100
30) Pyrene	19.351	202	74298	1.429	ng		100
32) Benzo(a)anthracene	21.113	228	68693	1.631	ng		98
33) Chrysene	21.157	228	70726	1.690	ng		99
34) Bis(2-ethylhexyl)phtha...	21.068	149	34913m	1.310	ng		
36) Indeno(1,2,3-cd)pyrene	25.423	276	91635	1.752	ng		100
37) Benzo(b)fluoranthene	22.645	252	77038	1.638	ng	#	89
38) Benzo(k)fluoranthene	22.686	252	74524	1.610	ng	#	89
39) Benzo(a)pyrene	23.189	252	64695	1.662	ng	#	85
40) Dibenzo(a,h)anthracene	25.440	278	72953	1.745	ng		94
41) Benzo(g,h,i)perylene	26.077	276	77742	1.739	ng		97

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

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