Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034691.D
Acq On : 24 Oct 2024 14:14
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN102424

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Quant Time: Oct 24 14:43:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	6674	0.400	ng		0.00
7) Naphthalene-d8	10.479	136	19848	0.400	ng		0.00
13) Acenaphthene-d10	14.329	164	10372	0.400	ng		0.00
19) Phenanthrene-d10	17.069	188	21015	0.400	ng		0.00
29) Chrysene-d12	21.250	240	12401	0.400	ng		0.00
35) Perylene-d12	23.466	264	10594	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.314	112	7964	0.401	ng		0.00
5) Phenol-d6	6.882	99	10366	0.396	ng		0.00
8) Nitrobenzene-d5	8.845	82	5758	0.346	ng		0.00
11) 2-Methylnaphthalene-d10	12.071	152	9741	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.815	330	1099	0.343	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	14035	0.341	ng		0.00
27) Fluoranthene-d10	19.094	212	16566	0.350	ng		0.00
31) Terphenyl-d14	19.703	244	9400	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.285	88	3154	0.355	ng		100
3) n-Nitrosodimethylamine	3.581	42	4576	0.354	ng	#	97
6) bis(2-Chloroethyl)ether	7.141	93	7850	0.369	ng		99
9) Naphthalene	10.532	128	19666	0.358	ng		100
10) Hexachlorobutadiene	10.831	225	2964	0.360	ng	#	99
12) 2-Methylnaphthalene	12.143	142	12146	0.356	ng		98
16) Acenaphthylene	14.040	152	16384	0.329	ng		99
17) Acenaphthene	14.382	154	11510	0.335	ng		99
18) Fluorene	15.377	166	14579	0.344	ng		99
20) 4,6-Dinitro-2-methylph...	15.451	198	947	0.324	ng		88
21) 4-Bromophenyl-phenylether	16.275	248	3884	0.347	ng		98
22) Hexachlorobenzene	16.374	284	4355	0.358	ng		98
23) Atrazine	16.548	200	2928	0.333	ng		99
24) Pentachlorophenol	16.721	266	1463	0.340	ng		98
25) Phenanthrene	17.106	178	22550	0.357	ng		100
26) Anthracene	17.193	178	19340	0.345	ng		100
28) Fluoranthene	19.127	202	22945	0.348	ng		100
30) Pyrene	19.489	202	23297	0.366	ng		100
32) Benzo(a)anthracene	21.232	228	16543	0.349	ng		99
33) Chrysene	21.286	228	17696	0.361	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	8661m	0.322	ng		
36) Indeno(1,2,3-cd)pyrene	25.697	276	14157	0.347	ng		100
37) Benzo(b)fluoranthene	22.803	252	15350	0.363	ng		99
38) Benzo(k)fluoranthene	22.850	252	14742	0.353	ng		99
39) Benzo(a)pyrene	23.373	252	12054	0.355	ng		99
40) Dibenzo(a,h)anthracene	25.718	278	11142	0.346	ng		99
41) Benzo(g,h,i)perylene	26.373	276	12576	0.354	ng		99

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

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