Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033586.D
Acq On : 23 Aug 2024 12:58
Operator : MA/JU
Sample : P3641-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-907-K1-0.5-1.0-081524MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 23 13:39:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	6821	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	18406	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	9665	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	18855	0.400	ng	#	0.00
29) Chrysene-d12	21.139	240	14681m	0.400	ng		0.00
35) Perylene-d12	23.309	264	17414	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4434	0.205	ng		0.00
5) Phenol-d6	6.736	99	5467	0.212	ng		0.00
8) Nitrobenzene-d5	8.681	82	4531	0.297	ng		0.00
11) 2-Methylnaphthalene-d10	11.900	152	10721m	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	1356	0.261	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	9027	0.229	ng		0.00
27) Fluoranthene-d10	18.970	212	9590	0.212	ng		0.00
31) Terphenyl-d14	19.583	244	6772	0.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	2518	0.321	ng	#	46
3) n-Nitrosodimethylamine	3.464	42	3244	0.355	ng	#	95
6) bis(2-Chloroethyl)ether	6.982	93	8165	0.447	ng		92
9) Naphthalene	10.357	128	26948	0.548	ng		100
10) Hexachlorobutadiene	10.645	225	3662	0.373	ng	#	100
12) 2-Methylnaphthalene	11.975	142	19860	0.638	ng		99
16) Acenaphthylene	13.889	152	26990	0.637	ng		99
17) Acenaphthene	14.242	154	13156	0.441	ng		98
18) Fluorene	15.236	166	17710	0.471	ng		95
20) 4,6-Dinitro-2-methylph...	15.322	198	774	0.263	ng	#	1
21) 4-Bromophenyl-phenylether	16.135	248	4114	0.359	ng		95
22) Hexachlorobenzene	16.247	284	4389	0.347	ng		95
23) Atrazine	16.420	200	3794	0.415	ng		94
24) Pentachlorophenol	16.594	266	5345	0.976	ng		99
25) Phenanthrene	16.967	178	130870	2.495	ng		99
26) Anthracene	17.066	178	37216	0.802	ng		98
28) Fluoranthene	19.003	202	336659	5.808	ng		99
30) Pyrene	19.365	202	294261	4.491	ng	#	96
32) Benzo(a)anthracene	21.121	228	159238	3.000	ng		97
33) Chrysene	21.175	228	182670	3.462	ng		98
34) Bis(2-ethylhexyl)phtha...	21.086	149	24901m	0.741	ng		
36) Indeno(1,2,3-cd)pyrene	25.461	276	169825	2.349	ng	#	93
37) Benzo(b)fluoranthene	22.668	252	286866	4.411	ng	#	93
38) Benzo(k)fluoranthene	22.706	252	115965m	1.812	ng		
39) Benzo(a)pyrene	23.215	252	189067m	3.514	ng		
40) Dibenzo(a,h)anthracene	25.472	278	50923	0.881	ng		98
41) Benzo(g,h,i)perylene	26.118	276	165051	2.670	ng		98

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

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