Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120424\
Data File : BP023335.D
Acq On : 04 Dec 2024 16:57
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 05 01:27:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP120424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 22:35:54 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :mohammad ahmed 12/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.540	152	181647	20.000	ng		0.00
21) Naphthalene-d8	10.287	136	639469	20.000	ng		0.00
39) Acenaphthene-d10	14.151	164	480595	20.000	ng		-0.01
64) Phenanthrene-d10	16.969	188	1145938	20.000	ng		0.00
76) Chrysene-d12	21.404	240	1180907	20.000	ng		0.00
86) Perylene-d12	24.592	264	1336619	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	1238726	131.518	ng		0.00
7) Phenol-d6	6.758	99	1712141	127.972	ng		0.01
23) Nitrobenzene-d5	8.693	82	1777415	123.284	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	956466	115.793	ng		0.00
45) 2-Fluorobiphenyl	12.757	172	4097295	121.590	ng		0.00
79) Terphenyl-d14	19.704	244	8030084	125.311	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.134	88	231202	52.405	ng		98
3) Pyridine	3.528	79	635905m	58.609	ng		
4) n-Nitrosodimethylamine	3.446	42	336195	58.600	ng		95
6) Aniline	6.899	93	526657m	50.404	ng		
8) 2-Chlorophenol	7.122	128	614454	62.658	ng		98
9) Benzaldehyde	6.711	77	243519	36.767	ng		99
10) Phenol	6.781	94	856247	63.574	ng		97
11) bis(2-Chloroethyl)ether	6.987	93	675572	62.478	ng		100
12) 1,3-Dichlorobenzene	7.434	146	756607	58.980	ng		99
13) 1,4-Dichlorobenzene	7.575	146	773191	58.987	ng		98
14) 1,2-Dichlorobenzene	7.887	146	737204	58.318	ng		100
15) Benzyl Alcohol	7.799	79	651535	62.446	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.069	45	742872	58.316	ng		99
17) 2-Methylphenol	7.993	107	547106	61.173	ng		99
18) Hexachloroethane	8.587	117	292543	58.500	ng		98
19) n-Nitroso-di-n-propyla...	8.346	70	558541	57.858	ng		99
20) 3+4-Methylphenols	8.322	107	756680	61.646	ng		99
22) Acetophenone	8.363	105	1050438	61.147	ng	#	98
24) Nitrobenzene	8.734	77	903645	61.193	ng		99
25) Isophorone	9.246	82	1472151	61.063	ng		100
26) 2-Nitrophenol	9.428	139	354721	65.385	ng		99
27) 2,4-Dimethylphenol	9.493	122	391711	62.358	ng		98
28) bis(2-Chloroethoxy)met...	9.722	93	843589	61.935	ng		99
29) 2,4-Dichlorophenol	9.957	162	679637	63.162	ng		98
30) 1,2,4-Trichlorobenzene	10.157	180	849556	59.869	ng		98
31) Naphthalene	10.340	128	1945897	60.124	ng		99
32) Benzoic acid	9.740	122	476844	65.556	ng		99
33) 4-Chloroaniline	10.475	127	583827	57.782	ng		98
34) Hexachlorobutadiene	10.610	225	620237	58.265	ng		98
35) Caprolactam	11.287	113	198150	62.758	ng		95
36) 4-Chloro-3-methylphenol	11.610	107	743855	61.920	ng		99
37) 2-Methylnaphthalene	11.946	142	1428962	60.510	ng		99
38) 1-Methylnaphthalene	12.169	142	1401874	59.653	ng		99
40) 1,2,4,5-Tetrachloroben...	12.328	216	1002645	60.453	ng		99
41) Hexachlorocyclopentadiene	12.293	237	310677	70.914	ng		98
43) 2,4,6-Trichlorophenol	12.587	196	645885	64.153	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	703944	62.958	ng		97
46) 1,1'-Biphenyl	12.981	154	1985176	61.223	ng		99
47) 2-Chloronaphthalene	13.028	162	1625053	61.197	ng		99
48) 2-Nitroaniline	13.251	65	525073	66.422	ng		99
49) Acenaphthylene	13.875	152	2259021	60.928	ng		100
50) Dimethylphthalate	13.634	163	2053449	59.330	ng		100
51) 2,6-Dinitrotoluene	13.757	165	477175	61.463	ng		98
52) Acenaphthene	14.222	154	1447246	60.287	ng		99
53) 3-Nitroaniline	14.098	138	367346	61.509	ng		100
54) 2,4-Dinitrophenol	14.322	184	315341	66.251	ng		97
55) Dibenzofuran	14.563	168	2495706	59.330	ng		99
56) 4-Nitrophenol	14.434	139	324876	58.884	ng		96
57) 2,4-Dinitrotoluene	14.557	165	707113	63.507	ng		98
58) Fluorene	15.222	166	2141499	61.785	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.810	232	639458	59.145	ng		96
60) Diethylphthalate	15.010	149	2125910	60.644	ng		100
61) 4-Chlorophenyl-phenyle...	15.216	204	1237168	60.425	ng		99
62) 4-Nitroaniline	15.287	138	402306	66.677	ng		99
63) Azobenzene	15.522	77	1989383	59.302	ng		98
65) 4,6-Dinitro-2-methylph...	15.345	198	457967	67.714	ng		99
66) n-Nitrosodiphenylamine	15.451	169	1745112	61.355	ng		99
67) 4-Bromophenyl-phenylether	16.145	248	816944	60.239	ng		98
68) Hexachlorobenzene	16.257	284	978443	59.005	ng		99
69) Atrazine	16.439	200	696824	68.990	ng		100
70) Pentachlorophenol	16.616	266	630166	62.196	ng		95
71) Phenanthrene	17.010	178	3339865	60.523	ng		99
72) Anthracene	17.104	178	3216380	60.801	ng		99
73) Carbazole	17.392	167	3072593	62.760	ng		100
74) Di-n-butylphthalate	17.975	149	3637162	63.290	ng		100
75) Fluoranthene	19.110	202	4698580	61.841	ng		99
77) Benzidine	19.316	184	795536	46.172	ng		100
78) Pyrene	19.492	202	4608396	63.775	ng		99
80) Butylbenzylphthalate	20.439	149	1656319	67.679	ng		99
81) Benzo(a)anthracene	21.380	228	4541531	61.591	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	1745288	62.764	ng	#	100
83) Chrysene	21.451	228	4358923	61.544	ng		99
84) Bis(2-ethylhexyl)phtha...	21.316	149	2448527	67.668	ng		98
85) Di-n-octyl phthalate	22.527	149	3933360	65.563	ng		98
87) Indeno(1,2,3-cd)pyrene	28.204	276	5577885	61.450	ng	#	96
88) Benzo(b)fluoranthene	23.586	252	5016829	63.270	ng		99
89) Benzo(k)fluoranthene	23.651	252	4638564	61.396	ng		99
90) Benzo(a)pyrene	24.439	252	4266046	62.921	ng		99
91) Dibenzo(a,h)anthracene	28.268	278	4562697	61.385	ng		99
92) Benzo(g,h,i)perylene	29.339	276	4620241	61.279	ng		99

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

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