Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
Data File : BP023587.D
Acq On : 30 Dec 2024 13:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Dec 30 16:02:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP123024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 15:51:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	584623	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	2485697	20.000	ng		0.00
39) Acenaphthene-d10	14.434	164	1551241	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	3180576	20.000	ng		0.00
76) Chrysene-d12	21.716	240	3072170	20.000	ng		0.00
86) Perylene-d12	25.139	264	3384192	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	3812977	101.796	ng		0.00
7) Phenol-d6	6.975	99	5200386	101.916	ng		0.00
23) Nitrobenzene-d5	8.957	82	4567961	103.704	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	2005690	111.821	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	10681062	101.047	ng		0.00
79) Terphenyl-d14	19.980	244	13779208	91.228	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	742301	49.341	ng		100
3) Pyridine	3.740	79	2205151m	50.947	ng		
4) n-Nitrosodimethylamine	3.652	42	744846	50.523	ng		96
6) Aniline	7.146	93	2304160	50.391	ng		100
8) 2-Chlorophenol	7.381	128	2040810	50.730	ng		99
9) Benzaldehyde	6.957	77	1209549	42.446	ng		97
10) Phenol	7.005	94	2639371	50.855	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	2068481	49.885	ng		99
12) 1,3-Dichlorobenzene	7.705	146	2299348	49.408	ng		100
13) 1,4-Dichlorobenzene	7.852	146	2310451	48.945	ng		99
14) 1,2-Dichlorobenzene	8.163	146	2238314	49.389	ng		99
15) Benzyl Alcohol	8.040	79	1703674	51.352	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	2105013	49.605	ng		99
17) 2-Methylphenol	8.240	107	1718782	51.174	ng		99
18) Hexachloroethane	8.893	117	830404	49.287	ng		100
19) n-Nitroso-di-n-propyla...	8.616	70	1624682	50.393	ng		100
20) 3+4-Methylphenols	8.569	107	2378442	52.354	ng		100
22) Acetophenone	8.622	105	3212834	49.559	ng	#	98
24) Nitrobenzene	8.999	77	2344911	50.951	ng		99
25) Isophorone	9.522	82	4427832	50.173	ng		99
26) 2-Nitrophenol	9.704	139	842267	49.748	ng		98
27) 2,4-Dimethylphenol	9.763	122	1416926	50.356	ng		98
28) bis(2-Chloroethoxy)met...	10.004	93	2756259	49.737	ng		99
29) 2,4-Dichlorophenol	10.234	162	1883403	52.829	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	2091425	49.479	ng		99
31) Naphthalene	10.640	128	6737598	49.281	ng		100
32) Benzoic acid	9.893	122	1118814	50.099	ng		99
33) 4-Chloroaniline	10.740	127	2547536	50.189	ng		99
34) Hexachlorobutadiene	10.934	225	1209913	49.358	ng		99
35) Caprolactam	11.510	113	729680	52.716	ng		99
36) 4-Chloro-3-methylphenol	11.863	107	2125525	52.972	ng		98
37) 2-Methylnaphthalene	12.251	142	4737569	50.352	ng		100
38) 1-Methylnaphthalene	12.475	142	4615511	49.934	ng		100
40) 1,2,4,5-Tetrachloroben...	12.616	216	2225040	50.815	ng		99
41) Hexachlorocyclopentadiene	12.604	237	659759	52.691	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	1421072	54.565	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	1618555	54.238	ng	99
46) 1,1'-Biphenyl	13.263	154	5848940	50.121	ng	100
47) 2-Chloronaphthalene	13.298	162	4603510	49.637	ng	100
48) 2-Nitroaniline	13.498	65	1192329	49.663	ng	97
49) Acenaphthylene	14.157	152	6909612	50.818	ng	100
50) Dimethylphthalate	13.892	163	5699729	50.793	ng	99
51) 2,6-Dinitrotoluene	13.992	165	1232403	54.292	ng	96
52) Acenaphthene	14.510	154	4579915	50.394	ng	100
53) 3-Nitroaniline	14.328	138	1352070	55.561	ng	99
54) 2,4-Dinitrophenol	14.539	184	350400	49.580	ng	98
55) Dibenzofuran	14.851	168	6767854	49.715	ng	99
56) 4-Nitrophenol	14.634	139	1122905	54.850	ng	94
57) 2,4-Dinitrotoluene	14.792	165	1673219	49.736	ng	98
58) Fluorene	15.504	166	5812101	50.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	1336261	53.761	ng	99
60) Diethylphthalate	15.286	149	5893571	50.856	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	2825765	50.552	ng	98
62) 4-Nitroaniline	15.516	138	1508497	55.579	ng	100
63) Azobenzene	15.798	77	5502084	50.450	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	591257	49.222	ng	98
66) n-Nitrosodiphenylamine	15.716	169	4836060	50.266	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	1734834	51.280	ng	99
68) Hexachlorobenzene	16.539	284	2060879	49.653	ng	99
69) Atrazine	16.698	200	1166762	46.178	ng	100
70) Pentachlorophenol	16.886	266	1271123	53.105	ng	99
71) Phenanthrene	17.292	178	8495510	50.147	ng	99
72) Anthracene	17.392	178	8333131	50.556	ng	100
73) Carbazole	17.669	167	8544472	50.635	ng	100
74) Di-n-butylphthalate	18.280	149	10219699	54.754	ng	100
75) Fluoranthene	19.380	202	10171888	51.249	ng	99
77) Benzidine	19.574	184	2804893	53.278	ng	100
78) Pyrene	19.757	202	10509694	51.730	ng	100
80) Butylbenzylphthalate	20.721	149	4316824	48.612	ng	99
81) Benzo(a)anthracene	21.692	228	10351091	50.141	ng	100
82) 3,3'-Dichlorobenzidine	21.616	252	3642296	52.441	ng	99
83) Chrysene	21.763	228	9720634	50.109	ng	100
84) Bis(2-ethylhexyl)phtha...	21.668	149	6899354	53.935	ng	99
85) Di-n-octyl phthalate	22.998	149	10976281	53.640	ng	100
87) Indeno(1,2,3-cd)pyrene	29.068	276	12363848m	51.867	ng	
88) Benzo(b)fluoranthene	24.080	252	10850603	51.056	ng	99
89) Benzo(k)fluoranthene	24.151	252	10517417	50.688	ng	99
90) Benzo(a)pyrene	24.998	252	9430405	51.663	ng	100
91) Dibenzo(a,h)anthracene	29.156	278	10285559	51.928	ng	99
92) Benzo(g,h,i)perylene	30.292	276	10185508	51.355	ng	99

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

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