Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044601.D
Acq On : 13 Mar 2024 17:22
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 01:56:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 01:48:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	226796	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	895728	20.000	ng		0.00
39) Acenaphthene-d10	14.351	164	504309	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	973038	20.000	ng		0.00
76) Chrysene-d12	21.303	240	844386	20.000	ng		0.00
86) Perylene-d12	23.550	264	962618	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1925523	121.899	ng		0.00
7) Phenol-d6	6.881	99	2500565	123.049	ng		0.00
23) Nitrobenzene-d5	8.869	82	2307750	124.120	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	716269	128.771	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	4401273	120.194	ng		0.00
79) Terphenyl-d14	19.745	244	5865612	121.520	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	399970	60.241	ng		98
3) Pyridine	3.675	79	1132419m	61.640	ng		
4) n-Nitrosodimethylamine	3.599	42	460574	62.593	ng		99
6) Aniline	7.046	93	1500542	62.345	ng		99
8) 2-Chlorophenol	7.269	128	963346	61.229	ng		99
9) Benzaldehyde	6.863	77	600811	56.450	ng		99
10) Phenol	6.904	94	1250492	61.615	ng		98
11) bis(2-Chloroethyl)ether	7.146	93	1014025	61.194	ng		99
12) 1,3-Dichlorobenzene	7.593	146	1017157	60.125	ng		99
13) 1,4-Dichlorobenzene	7.740	146	1033106	60.592	ng		99
14) 1,2-Dichlorobenzene	8.051	146	976386	60.048	ng		100
15) Benzyl Alcohol	7.951	79	858110	64.228	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1390176	60.510	ng		99
17) 2-Methylphenol	8.145	107	863325	62.373	ng		99
18) Hexachloroethane	8.763	117	386491	61.316	ng		98
19) n-Nitroso-di-n-propyla...	8.516	70	786439	63.369	ng		98
20) 3+4-Methylphenols	8.475	107	1175072	62.909	ng		98
22) Acetophenone	8.534	105	1440701	61.222	ng	#	99
24) Nitrobenzene	8.910	77	1134521	61.728	ng		99
25) Isophorone	9.434	82	2052684	63.987	ng		99
26) 2-Nitrophenol	9.610	139	520763	65.663	ng		99
27) 2,4-Dimethylphenol	9.669	122	883016	63.312	ng		99
28) bis(2-Chloroethoxy)met...	9.916	93	1321626	62.039	ng		99
29) 2,4-Dichlorophenol	10.134	162	847493	63.756	ng		99
30) 1,2,4-Trichlorobenzene	10.345	180	862637	61.002	ng		99
31) Naphthalene	10.534	128	2985281	60.728	ng		100
32) Benzoic acid	9.834	122	693324	61.212	ng		99
33) 4-Chloroaniline	10.657	127	1299356	63.005	ng		100
34) Hexachlorobutadiene	10.804	225	484371	61.433	ng		99
35) Caprolactam	11.463	113	288843	67.318	ng		100
36) 4-Chloro-3-methylphenol	11.781	107	931054	63.831	ng		99
37) 2-Methylnaphthalene	12.151	142	2052611	61.519	ng		99
38) 1-Methylnaphthalene	12.375	142	1918945	61.710	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	881197	61.574	ng		100
41) Hexachlorocyclopentadiene	12.492	237	529485	64.944	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	626145	64.795	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	731024	63.843	ng	100
46) 1,1'-Biphenyl	13.180	154	2416296	61.261	ng	100
47) 2-Chloronaphthalene	13.222	162	1791568	61.425	ng	99
48) 2-Nitroaniline	13.439	65	660410	66.732	ng	99
49) Acenaphthylene	14.069	152	2940981	61.898	ng	100
50) Dimethylphthalate	13.822	163	2326754	61.683	ng	99
51) 2,6-Dinitrotoluene	13.945	165	504367	64.209	ng	99
52) Acenaphthene	14.416	154	1774837	61.794	ng	99
53) 3-Nitroaniline	14.275	138	610618	66.385	ng	98
54) 2,4-Dinitrophenol	14.480	184	308455	61.145	ng	96
55) Dibenzofuran	14.751	168	2768691	60.737	ng	99
56) 4-Nitrophenol	14.574	139	489286	64.769	ng	99
57) 2,4-Dinitrotoluene	14.733	165	677285	65.988	ng	99
58) Fluorene	15.404	166	2139097	60.258	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	559453	62.931	ng	99
60) Diethylphthalate	15.192	149	2380196	62.333	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	1029490	60.410	ng	98
62) 4-Nitroaniline	15.445	138	613382	66.758	ng	98
63) Azobenzene	15.698	77	2489765	63.077	ng	99
65) 4,6-Dinitro-2-methylph...	15.492	198	402072	65.889	ng	97
66) n-Nitrosodiphenylamine	15.621	169	1893714	62.446	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	627409	62.338	ng	99
68) Hexachlorobenzene	16.398	284	665365	62.191	ng	97
69) Atrazine	16.586	200	601520	63.477	ng	99
70) Pentachlorophenol	16.751	266	519707	67.532	ng	98
71) Phenanthrene	17.145	178	3299647	61.363	ng	100
72) Anthracene	17.239	178	3358958	62.283	ng	100
73) Carbazole	17.515	167	3171309	62.435	ng	100
74) Di-n-butylphthalate	18.086	149	4239670	64.777	ng	100
75) Fluoranthene	19.168	202	3706906	61.669	ng	99
77) Benzidine	19.368	184	1443536	68.127	ng	99
78) Pyrene	19.533	202	3870523	62.542	ng	100
80) Butylbenzylphthalate	20.451	149	1904226	68.273	ng	100
81) Benzo(a)anthracene	21.286	228	3661633	62.323	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	1301609	64.326	ng	98
83) Chrysene	21.339	228	3448900	61.432	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	2759363	65.669	ng	100
85) Di-n-octyl phthalate	22.121	149	4966069	68.135	ng	99
87) Indeno(1,2,3-cd)pyrene	25.833	276	4378231	62.916	ng	99
88) Benzo(b)fluoranthene	22.880	252	3564133	63.003	ng	99
89) Benzo(k)fluoranthene	22.927	252	3652205	62.800	ng	99
90) Benzo(a)pyrene	23.456	252	3514799	63.701	ng	99
91) Dibenzo(a,h)anthracene	25.850	278	3707719	63.200	ng	99
92) Benzo(g,h,i)perylene	26.527	276	3611090	62.529	ng	99

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

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