Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
Data File : BM045741.D
Acq On : 22 May 2024 13:21
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 04:04:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:54:49 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.569	152	310628	20.000	ng		0.00
21) Naphthalene-d8	10.339	136	1361755	20.000	ng		0.00
39) Acenaphthene-d10	14.198	164	906794	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	1927490	20.000	ng		0.00
76) Chrysene-d12	21.162	240	1722909	20.000	ng		0.00
86) Perylene-d12	23.956	264	1994987	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	744193	42.714	ng		0.00
7) Phenol-d6	6.839	99	1003294	42.893	ng		0.00
23) Nitrobenzene-d5	8.733	82	1068655	42.689	ng		0.00
42) 2,4,6-Tribromophenol	15.704	330	408582	42.540	ng		0.00
45) 2-Fluorobiphenyl	12.827	172	2338034	41.440	ng		0.00
79) Terphenyl-d14	19.586	244	3867361	41.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	148863	20.585	ng		99
3) Pyridine	3.616	79	410912m	21.063	ng		
4) n-Nitrosodimethylamine	3.510	42	232670	20.821	ng	#	94
6) Aniline	6.945	93	482705	21.577	ng		99
8) 2-Chlorophenol	7.169	128	405017	21.226	ng		99
9) Benzaldehyde	6.745	77	327057	22.952	ng		98
10) Phenol	6.869	94	506634	21.432	ng		100
11) bis(2-Chloroethyl)ether	7.028	93	425637	20.775	ng		99
12) 1,3-Dichlorobenzene	7.457	146	474579	20.869	ng		100
13) 1,4-Dichlorobenzene	7.604	146	484398	21.122	ng		98
14) 1,2-Dichlorobenzene	7.922	146	462648	21.591	ng		99
15) Benzyl Alcohol	7.863	79	387524	21.215	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	681541m	21.436	ng		
17) 2-Methylphenol	8.081	107	350174	21.369	ng		98
18) Hexachloroethane	8.639	117	185595	20.848	ng		95
19) n-Nitroso-di-n-propyla...	8.404	70	350372	21.306	ng		98
20) 3+4-Methylphenols	8.416	107	471522	21.609	ng	#	90
22) Acetophenone	8.410	105	666269	21.155	ng		99
24) Nitrobenzene	8.775	77	540826	21.242	ng		99
25) Isophorone	9.316	82	976490	20.955	ng		99
26) 2-Nitrophenol	9.480	139	205211	20.027	ng		96
27) 2,4-Dimethylphenol	9.586	122	295069	20.760	ng		99
28) bis(2-Chloroethoxy)met...	9.792	93	593686	20.691	ng		98
29) 2,4-Dichlorophenol	10.028	162	401700	20.668	ng		99
30) 1,2,4-Trichlorobenzene	10.198	180	454536	20.652	ng		99
31) Naphthalene	10.386	128	1415926	20.988	ng		99
32) Benzoic acid	9.792	122	218743	20.424	ng		98
33) 4-Chloroaniline	10.557	127	544031	21.125	ng		99
34) Hexachlorobutadiene	10.680	225	273682	20.283	ng		98
35) Caprolactam	11.445	113	130121	20.704	ng		97
36) 4-Chloro-3-methylphenol	11.710	107	466249	21.096	ng		98
37) 2-Methylnaphthalene	12.004	142	986524	20.992	ng		99
38) 1-Methylnaphthalene	12.227	142	975283	21.034	ng		100
40) 1,2,4,5-Tetrachloroben...	12.369	216	474620	20.296	ng		100
41) Hexachlorocyclopentadiene	12.363	237	196873	20.115	ng		98
43) 2,4,6-Trichlorophenol	12.651	196	319418	20.239	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	359619	20.473	ng	98
46) 1,1'-Biphenyl	13.039	154	1267877	20.743	ng	99
47) 2-Chloronaphthalene	13.069	162	998126	20.866	ng	100
48) 2-Nitroaniline	13.321	65	313258	20.754	ng	98
49) Acenaphthylene	13.921	152	1518081	20.929	ng	100
50) Dimethylphthalate	13.704	163	1260060	20.543	ng	100
51) 2,6-Dinitrotoluene	13.804	165	272525	20.701	ng	99
52) Acenaphthene	14.263	154	952164	20.941	ng	99
53) 3-Nitroaniline	14.163	138	280495	20.890	ng	97
54) 2,4-Dinitrophenol	14.339	184	100955	20.064	ng	96
55) Dibenzofuran	14.604	168	1509002	21.052	ng	98
56) 4-Nitrophenol	14.533	139	223438	19.573	ng	98
57) 2,4-Dinitrotoluene	14.592	165	372558	21.311	ng	97
58) Fluorene	15.251	166	1233599	21.056	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.857	232	304562	20.855	ng	99
60) Diethylphthalate	15.062	149	1323815	20.655	ng	99
61) 4-Chlorophenyl-phenyle...	15.257	204	588453	20.525	ng	98
62) 4-Nitroaniline	15.333	138	284768	21.351	ng	96
63) Azobenzene	15.551	77	1322150	21.289	ng	100
65) 4,6-Dinitro-2-methylph...	15.351	198	167949	20.507	ng	91
66) n-Nitrosodiphenylamine	15.480	169	1042915	21.135	ng	98
67) 4-Bromophenyl-phenylether	16.151	248	379095	20.700	ng	100
68) Hexachlorobenzene	16.251	284	450475	20.650	ng	99
69) Atrazine	16.457	200	340494	22.597	ng	99
70) Pentachlorophenol	16.621	266	277962	20.887	ng	99
71) Phenanthrene	16.986	178	1915225	21.052	ng	99
72) Anthracene	17.080	178	1903746	21.284	ng	100
73) Carbazole	17.374	167	1923031	21.486	ng	99
74) Di-n-butylphthalate	17.939	149	2373259	21.354	ng	100
75) Fluoranthene	19.009	202	2346702	21.155	ng	99
77) Benzidine	19.227	184	545757	18.550	ng	99
78) Pyrene	19.368	202	2461082	20.249	ng	100
80) Butylbenzylphthalate	20.297	149	1062957	20.191	ng	99
81) Benzo(a)anthracene	21.144	228	2259245	20.588	ng	99
82) 3,3'-Dichlorobenzidine	21.092	252	797887	21.217	ng	99
83) Chrysene	21.203	228	2125956	20.654	ng	99
84) Bis(2-ethylhexyl)phtha...	21.092	149	1537873	20.804	ng	99
85) Di-n-octyl phthalate	22.156	149	2616548	20.296	ng	100
87) Indeno(1,2,3-cd)pyrene	27.056	276	2449982	21.343	ng	99
88) Benzo(b)fluoranthene	23.080	252	2322594	20.530	ng	100
89) Benzo(k)fluoranthene	23.138	252	2251752	20.970	ng	99
90) Benzo(a)pyrene	23.827	252	2037577	20.727	ng	99
91) Dibenzo(a,h)anthracene	27.109	278	2051685	21.576	ng	100
92) Benzo(g,h,i)perylene	28.015	276	2113626	21.428	ng	99

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

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