Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045722.D
Acq On : 13 May 2024 20:36
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 14 02:31:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 02:21:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	113401	20.000	ng	0.00
21) Naphthalene-d8	10.351	136	537566	20.000	ng	0.00
39) Acenaphthene-d10	14.215	164	396782	20.000	ng	0.00
64) Phenanthrene-d10	16.962	188	895361	20.000	ng	0.00
76) Chrysene-d12	21.180	240	550474	20.000	ng	0.00
86) Perylene-d12	23.985	264	458119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	806717	122.081	ng	0.00
7) Phenol-d6	6.869	99	1058089	131.309	ng	0.00
23) Nitrobenzene-d5	8.757	82	1418338	121.179	ng	0.00
42) 2,4,6-Tribromophenol	15.721	330	734171	135.513	ng	0.00
45) 2-Fluorobiphenyl	12.839	172	3597767	124.975	ng	0.00
79) Terphenyl-d14	19.603	244	7398769	131.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	112358	62.376	ng	99
3) Pyridine	3.640	79	406486m	57.345	ng	
4) n-Nitrosodimethylamine	3.522	42	226236	60.574	ng	95
6) Aniline	6.963	93	390139	58.712	ng	98
8) 2-Chlorophenol	7.187	128	387463	63.513	ng	98
9) Benzaldehyde	6.763	77	299958	52.014	ng	95
10) Phenol	6.892	94	471844	62.821	ng	99
11) bis(2-Chloroethyl)ether	7.045	93	401334	60.004	ng	96
12) 1,3-Dichlorobenzene	7.469	146	498808	60.325	ng	98
13) 1,4-Dichlorobenzene	7.616	146	519544	61.073	ng	100
14) 1,2-Dichlorobenzene	7.934	146	462566	60.934	ng	99
15) Benzyl Alcohol	7.881	79	470962	63.341	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.134	45	402112m	60.974	ng	
17) 2-Methylphenol	8.104	107	345641	64.396	ng	97
18) Hexachloroethane	8.645	117	229299	62.637	ng	98
19) n-Nitroso-di-n-propyla...	8.428	70	404015	66.747	ng	98
20) 3+4-Methylphenols	8.434	107	496158	65.415	ng	94
22) Acetophenone	8.428	105	750001	61.928	ng	97
24) Nitrobenzene	8.792	77	657142	58.021	ng	98
25) Isophorone	9.345	82	1057487	62.493	ng	99
26) 2-Nitrophenol	9.498	139	252775	65.728	ng	98
27) 2,4-Dimethylphenol	9.610	122	308694	63.894	ng	95
28) bis(2-Chloroethoxy)met...	9.798	93	624602	63.788	ng	99
29) 2,4-Dichlorophenol	10.045	162	462898	65.111	ng	98
30) 1,2,4-Trichlorobenzene	10.210	180	530854	61.705	ng	99
31) Naphthalene	10.398	128	1643556	61.796	ng	99
32) Benzoic acid	9.886	122	322288	67.972	ng	96
33) 4-Chloroaniline	10.569	127	597392	62.574	ng	99
34) Hexachlorobutadiene	10.686	225	342600	62.478	ng	99
35) Caprolactam	11.492	113	156318m	67.424	ng	
36) 4-Chloro-3-methylphenol	11.733	107	581901	66.675	ng	97
37) 2-Methylnaphthalene	12.016	142	1239367	63.715	ng	99
38) 1-Methylnaphthalene	12.239	142	1214500	63.409	ng	97
40) 1,2,4,5-Tetrachloroben...	12.386	216	630026	59.822	ng	99
41) Hexachlorocyclopentadiene	12.374	237	278389	60.289	ng	97
43) 2,4,6-Trichlorophenol	12.663	196	429177	62.125	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	475066	61.246	ng		98
46) 1,1'-Biphenyl	13.051	154	1696132	59.512	ng		99
47) 2-Chloronaphthalene	13.080	162	1325857	60.141	ng		99
48) 2-Nitroaniline	13.339	65	441166	60.959	ng		99
49) Acenaphthylene	13.939	152	2143537	62.551	ng		100
50) Dimethylphthalate	13.721	163	1747241	60.421	ng		100
51) 2,6-Dinitrotoluene	13.821	165	384641	61.501	ng		92
52) Acenaphthene	14.280	154	1330617	62.611	ng		99
53) 3-Nitroaniline	14.186	138	390883	63.587	ng		93
54) 2,4-Dinitrophenol	14.357	184	230485	60.086	ng		99
55) Dibenzofuran	14.621	168	2243283	63.639	ng		98
56) 4-Nitrophenol	14.563	139	347753	65.733	ng		96
57) 2,4-Dinitrotoluene	14.615	165	634565	66.973	ng		93
58) Fluorene	15.268	166	2053933	64.827	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.868	232	449472	63.121	ng		98
60) Diethylphthalate	15.080	149	2052765	62.435	ng		100
61) 4-Chlorophenyl-phenyle...	15.268	204	996166	64.836	ng		98
62) 4-Nitroaniline	15.362	138	439412	65.621	ng		96
63) Azobenzene	15.562	77	1920605	59.546	ng		98
65) 4,6-Dinitro-2-methylph...	15.368	198	337466	62.183	ng		99
66) n-Nitrosodiphenylamine	15.498	169	1522377	65.530	ng		99
67) 4-Bromophenyl-phenylether	16.162	248	569128	64.178	ng		97
68) Hexachlorobenzene	16.262	284	673478	63.176	ng		100
69) Atrazine	16.480	200	434246	59.322	ng		97
70) Pentachlorophenol	16.633	266	453125	67.102	ng		98
71) Phenanthrene	17.004	178	2910846	64.475	ng		99
72) Anthracene	17.092	178	2840699	65.317	ng		99
73) Carbazole	17.392	167	2763201	65.508	ng		99
74) Di-n-butylphthalate	17.951	149	3620437	66.023	ng		99
75) Fluoranthene	19.021	202	3551246	64.642	ng		99
77) Benzidine	19.245	184	888784	74.046	ng		100
78) Pyrene	19.386	202	3542887	63.092	ng		99
80) Butylbenzylphthalate	20.309	149	1494799	59.269	ng		94
81) Benzo(a)anthracene	21.162	228	2390566	63.457	ng		100
83) Chrysene	21.221	228	2260022	65.419	ng		100
85) Di-n-octyl phthalate	22.174	149	2474307	65.165	ng		99
87) Indeno(1,2,3-cd)pyrene	27.109	276	1784925	61.916	ng	#	100
88) Benzo(b)fluoranthene	23.109	252	2144404	72.418	ng		99
89) Benzo(k)fluoranthene	23.168	252	1959432	72.238	ng		99
90) Benzo(a)pyrene	23.856	252	1749748	68.121	ng	#	99
91) Dibenzo(a,h)anthracene	27.162	278	1506523	62.024	ng		99
92) Benzo(g,h,i)perylene	28.085	276	1564294	62.617	ng		99

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

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