Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032524\
Data File : BM044753.D
Acq On : 25 Mar 2024 13:27
Operator : MA/JU
Sample : PB159758BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 25 13:59:40 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 02:28:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB159758BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	229875	20.000	ng		-0.02
21) Naphthalene-d8	10.463	136	889874	20.000	ng		-0.02
39) Acenaphthene-d10	14.333	164	441691	20.000	ng		-0.02
64) Phenanthrene-d10	17.086	188	751408	20.000	ng		-0.02
76) Chrysene-d12	21.286	240	485430	20.000	ng		-0.02
86) Perylene-d12	23.521	264	545426	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.298	112	2204799	137.710	ng		0.00
7) Phenol-d6	6.875	99	2664736	129.371	ng		0.00
23) Nitrobenzene-d5	8.851	82	1628044	88.138	ng		-0.01
42) 2,4,6-Tribromophenol	15.833	330	654879	134.425	ng		-0.01
45) 2-Fluorobiphenyl	12.951	172	2919242	91.024	ng		-0.02
79) Terphenyl-d14	19.727	244	2806336	101.132	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	219805	32.662	ng		95
3) Pyridine	3.663	79	557109	29.936	ng		93
4) n-Nitrosodimethylamine	3.587	42	387313	51.932	ng		82
6) Aniline	7.028	93	467334	19.157	ng		98
8) 2-Chlorophenol	7.251	128	773970	48.534	ng		100
9) Benzaldehyde	6.845	77	109190m	10.122	ng		
10) Phenol	6.898	94	954777	46.414	ng		93
11) bis(2-Chloroethyl)ether	7.128	93	751490	44.743	ng		100
12) 1,3-Dichlorobenzene	7.569	146	802919	46.826	ng		98
13) 1,4-Dichlorobenzene	7.722	146	817462	47.302	ng		99
14) 1,2-Dichlorobenzene	8.028	146	781714	47.432	ng		99
15) Benzyl Alcohol	7.934	79	647436	47.810	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.204	45	1096464m	47.086	ng		
17) 2-Methylphenol	8.134	107	612470	43.657	ng		98
18) Hexachloroethane	8.739	117	312523	48.917	ng		98
19) n-Nitroso-di-n-propyla...	8.498	70	544282	43.269	ng		94
20) 3+4-Methylphenols	8.463	107	817878	43.200	ng		98
22) Acetophenone	8.516	105	1072969	45.895	ng	#	96
24) Nitrobenzene	8.892	77	817926	44.795	ng		99
25) Isophorone	9.410	82	1453471	45.606	ng		99
26) 2-Nitrophenol	9.592	139	399687	50.728	ng		96
27) 2,4-Dimethylphenol	9.651	122	530919	38.317	ng		97
28) bis(2-Chloroethoxy)met...	9.898	93	905842	42.802	ng		100
29) 2,4-Dichlorophenol	10.116	162	635930	48.155	ng		99
30) 1,2,4-Trichlorobenzene	10.328	180	670509	47.727	ng		100
31) Naphthalene	10.516	128	2145808	43.938	ng		100
32) Benzoic acid	9.822	122	451611	41.380	ng		97
33) 4-Chloroaniline	10.639	127	286114	13.965	ng		99
34) Hexachlorobutadiene	10.780	225	384721	49.115	ng		99
35) Caprolactam	11.457	113	179015m	42.024	ng		
36) 4-Chloro-3-methylphenol	11.769	107	636840	43.947	ng		100
37) 2-Methylnaphthalene	12.133	142	1353266	40.826	ng		98
38) 1-Methylnaphthalene	12.351	142	1287580	41.679	ng		100
40) 1,2,4,5-Tetrachloroben...	12.504	216	650260	51.879	ng		98
41) Hexachlorocyclopentadiene	12.469	237	682918	95.639	ng		100
43) 2,4,6-Trichlorophenol	12.751	196	440237	52.015	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	452639	45.135	ng	#	98
46) 1,1'-Biphenyl	13.163	154	1646810	47.671	ng		99
47) 2-Chloronaphthalene	13.198	162	1267541	49.619	ng		99
48) 2-Nitroaniline	13.421	65	403821	46.590	ng		98
49) Acenaphthylene	14.051	152	2038257	48.980	ng		100
50) Dimethylphthalate	13.804	163	1448271	43.837	ng		99
51) 2,6-Dinitrotoluene	13.927	165	316007	45.933	ng		97
52) Acenaphthene	14.398	154	1140147	45.323	ng		99
53) 3-Nitroaniline	14.257	138	243305	30.202	ng		99
54) 2,4-Dinitrophenol	14.468	184	360826	80.154	ng		94
55) Dibenzofuran	14.733	168	1756928	44.006	ng		97
56) 4-Nitrophenol	14.574	139	547988	82.824	ng		93
57) 2,4-Dinitrotoluene	14.721	165	407179	45.295	ng	#	91
58) Fluorene	15.386	166	1363877	43.867	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	351450	45.138	ng		99
60) Diethylphthalate	15.174	149	1426935	42.666	ng		99
61) 4-Chlorophenyl-phenyle...	15.386	204	648156	43.425	ng		99
62) 4-Nitroaniline	15.427	138	311652m	38.728	ng		
63) Azobenzene	15.680	77	1491533	43.144	ng		96
65) 4,6-Dinitro-2-methylph...	15.480	198	217934	46.248	ng		99
66) n-Nitrosodiphenylamine	15.610	169	1116123	47.660	ng		99
67) 4-Bromophenyl-phenylether	16.280	248	378711	48.726	ng		95
68) Hexachlorobenzene	16.380	284	433812	52.508	ng		98
69) Atrazine	16.568	200	284147	38.830	ng		99
70) Pentachlorophenol	16.733	266	548801	92.346	ng		99
71) Phenanthrene	17.133	178	1886946	45.442	ng		100
72) Anthracene	17.221	178	1874247	45.003	ng		99
73) Carbazole	17.498	167	1693539	43.176	ng		99
74) Di-n-butylphthalate	18.068	149	2211585	43.757	ng		99
75) Fluoranthene	19.150	202	1869594	40.277	ng		98
77) Benzidine	19.350	184	365363	29.122	ng		100
78) Pyrene	19.515	202	1896424	53.303	ng		100
80) Butylbenzylphthalate	20.433	149	835680	52.118	ng		97
81) Benzo(a)anthracene	21.268	228	1593744	47.185	ng		100
82) 3,3'-Dichlorobenzidine	21.209	252	505413	43.447	ng		99
83) Chrysene	21.321	228	1482081	45.920	ng		99
84) Bis(2-ethylhexyl)phtha...	21.215	149	1154858	47.807	ng		99
85) Di-n-octyl phthalate	22.103	149	1903213	45.421	ng		99
87) Indeno(1,2,3-cd)pyrene	25.791	276	2278046	57.775	ng		97
88) Benzo(b)fluoranthene	22.856	252	1591036	49.637	ng		99
89) Benzo(k)fluoranthene	22.897	252	1602180	48.622	ng		99
90) Benzo(a)pyrene	23.427	252	1534264	49.075	ng		99
91) Dibenzo(a,h)anthracene	25.809	278	1900448	57.172	ng		98
92) Benzo(g,h,i)perylene	26.485	276	1901007	58.096	ng		96

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

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