Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
Data File : BM041241.D
Acq On : 02 Aug 2023 12:48
Operator : MA/JU
Sample : 03810-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P3BMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 03:06:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	150302	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	664421	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	444157	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1002448	20.000	ng		0.00
76) Chrysene-d12	21.433	240	772977	20.000	ng		0.00
86) Perylene-d12	23.803	264	774558	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	674890	67.110	ng		0.00
7) Phenol-d6	6.987	99	937299	71.903	ng		0.00
23) Nitrobenzene-d5	8.975	82	588102	41.163	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	499743	79.547	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	1468086	41.755	ng		0.00
79) Terphenyl-d14	19.862	244	2597065	60.747	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	138462	32.185	ng		96
3) Pyridine	3.663	79	417902	36.945	ng		95
4) n-Nitrosodimethylamine	3.581	42	200632	38.350	ng		90
6) Aniline	7.134	93	483938	31.722	ng		98
8) 2-Chlorophenol	7.363	128	548339	55.853	ng		99
9) Benzaldehyde	6.946	77	305421m	44.403	ng		
10) Phenol	7.010	94	702340	55.785	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	509732	50.016	ng		95
12) 1,3-Dichlorobenzene	7.681	146	560909	52.487	ng		99
13) 1,4-Dichlorobenzene	7.834	146	577627	53.776	ng		99
14) 1,2-Dichlorobenzene	8.145	146	563118	54.677	ng		100
15) Benzyl Alcohol	8.057	79	518170	62.945	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	639303	47.081	ng		95
17) 2-Methylphenol	8.263	107	479609	55.759	ng		100
18) Hexachloroethane	8.869	117	207902	51.990	ng		90
19) n-Nitroso-di-n-propyla...	8.622	70	433957	54.808	ng		97
20) 3+4-Methylphenols	8.592	107	654317	56.893	ng		98
22) Acetophenone	8.640	105	832937	47.335	ng	#	98
24) Nitrobenzene	9.022	77	656608	45.445	ng		99
25) Isophorone	9.545	82	1233796	50.872	ng		98
26) 2-Nitrophenol	9.728	139	235300	41.659	ng		94
27) 2,4-Dimethylphenol	9.792	122	495991	49.904	ng		98
28) bis(2-Chloroethoxy)met...	10.028	93	731030	48.120	ng		100
29) 2,4-Dichlorophenol	10.263	162	591111	58.976	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	599758	54.160	ng		96
31) Naphthalene	10.657	128	1727882	47.923	ng		99
32) Benzoic acid	9.992	122	423449	55.426	ng		99
33) 4-Chloroaniline	10.786	127	279826	19.420	ng		99
34) Hexachlorobutadiene	10.922	225	371670	55.805	ng		97
35) Caprolactam	11.622	113	193666m	66.794	ng		
36) 4-Chloro-3-methylphenol	11.928	107	628610	59.587	ng		98
37) 2-Methylnaphthalene	12.275	142	1246664	51.287	ng		99
38) 1-Methylnaphthalene	12.498	142	1206063	53.012	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	725350	50.294	ng		98
41) Hexachlorocyclopentadiene	12.610	237	318593	41.755	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	520614	56.320	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	568617	53.146	ng		96
46) 1,1'-Biphenyl	13.298	154	1700237	47.219	ng		99
47) 2-Chloronaphthalene	13.339	162	1336802	49.722	ng		99
48) 2-Nitroaniline	13.563	65	444395	51.783	ng		96
49) Acenaphthylene	14.192	152	2189875	50.463	ng		99
50) Dimethylphthalate	13.939	163	1698781	50.846	ng		99
51) 2,6-Dinitrotoluene	14.069	165	359830	51.979	ng		93
52) Acenaphthene	14.533	154	1266673	48.453	ng		100
53) 3-Nitroaniline	14.398	138	353889	44.382	ng		97
54) 2,4-Dinitrophenol	14.616	184	81941	22.084	ng		89
55) Dibenzofuran	14.869	168	2111201	49.497	ng		99
56) 4-Nitrophenol	14.727	139	601558	104.266	ng		95
57) 2,4-Dinitrotoluene	14.863	165	501191	50.547	ng		95
58) Fluorene	15.521	166	1714686	50.959	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	496660	57.326	ng		95
60) Diethylphthalate	15.304	149	1728541	53.500	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	907583	53.826	ng		95
62) 4-Nitroaniline	15.574	138	401336	53.807	ng		98
63) Azobenzene	15.810	77	1740248	49.172	ng		97
65) 4,6-Dinitro-2-methylph...	15.627	198	62502	10.292	ng		89
66) n-Nitrosodiphenylamine	15.739	169	1479096	47.442	ng		98
67) 4-Bromophenyl-phenylether	16.415	248	576097	52.415	ng		97
68) Hexachlorobenzene	16.527	284	684952	56.044	ng		95
69) Atrazine	16.704	200	528720	64.577	ng		99
70) Pentachlorophenol	16.880	266	681561	80.535	ng		99
71) Phenanthrene	17.268	178	2717081	48.784	ng		99
72) Anthracene	17.362	178	2788646	50.624	ng		100
73) Carbazole	17.645	167	2507619	50.296	ng		100
74) Di-n-butylphthalate	18.198	149	3284546	58.299	ng		99
75) Fluoranthene	19.298	202	3191857	51.009	ng		99
77) Benzidine	19.498	184	1107752	105.144	ng		99
78) Pyrene	19.662	202	3214970	59.476	ng		100
80) Butylbenzylphthalate	20.562	149	1394585	70.648	ng		96
81) Benzo(a)anthracene	21.421	228	2821183	53.838	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	845525	49.448	ng		99
83) Chrysene	21.474	228	2531498	49.946	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2018585	63.525	ng	#	95
85) Di-n-octyl phthalate	22.256	149	3217411	64.491	ng		95
87) Indeno(1,2,3-cd)pyrene	26.268	276	2767863	48.605	ng		96
88) Benzo(b)fluoranthene	23.086	252	2493109	54.182	ng		98
89) Benzo(k)fluoranthene	23.133	252	2415707	51.324	ng		99
90) Benzo(a)pyrene	23.703	252	2149463	48.617	ng		98
91) Dibenzo(a,h)anthracene	26.280	278	2341409	49.295	ng		97
92) Benzo(g,h,i)perylene	27.021	276	2153107	46.327	ng		96

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

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