Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071422\
Data File : BM035811.D
Acq On : 14 Jul 2022 14:24
Operator : CG/JU
Sample : N3651-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SED-1-(6-12)MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 01:09:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	323208	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1282471	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	680792	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	1209372	20.000	ng		0.00
76) Chrysene-d12	21.456	240	973825	20.000	ng		0.00
86) Perylene-d12	23.839	264	1024789	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1929879	96.986	ng		0.00
7) Phenol-d6	7.075	99	2339551	93.996	ng		0.00
23) Nitrobenzene-d5	9.075	82	1374576	61.273	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	677688	98.024	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	2704427	55.401	ng		0.00
79) Terphenyl-d14	19.903	244	2863645	57.083	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	373505	44.500	ng		93
3) Pyridine	3.728	79	991489	45.515	ng		91
4) n-Nitrosodimethylamine	3.646	42	465556	48.555	ng	#	70
6) Aniline	7.234	93	1155094	41.529	ng		95
8) 2-Chlorophenol	7.469	128	1091814	52.699	ng		96
9) Benzaldehyde	7.045	77	580803	42.753	ng		93
10) Phenol	7.104	94	1306206	52.117	ng		90
11) bis(2-Chloroethyl)ether	7.334	93	1051452	50.885	ng		96
12) 1,3-Dichlorobenzene	7.798	146	1207560	50.842	ng		97
13) 1,4-Dichlorobenzene	7.945	146	1226856	50.713	ng		99
14) 1,2-Dichlorobenzene	8.263	146	1166756	49.978	ng		98
15) Benzyl Alcohol	8.151	79	850754m	53.152	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1410344	52.874	ng		98
17) 2-Methylphenol	8.357	107	845374	52.320	ng		96
18) Hexachloroethane	8.992	117	454521	53.392	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	758384	53.057	ng		88
20) 3+4-Methylphenols	8.687	107	1107733	51.222	ng		97
22) Acetophenone	8.739	105	1531520	49.469	ng	#	92
24) Nitrobenzene	9.116	77	1101709	52.117	ng		96
25) Isophorone	9.645	82	2031240	57.166	ng		97
26) 2-Nitrophenol	9.828	139	509725	55.475	ng		92
27) 2,4-Dimethylphenol	9.892	122	892361	58.534	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	1268770	50.646	ng		99
29) 2,4-Dichlorophenol	10.363	162	891314	53.404	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	985879	47.798	ng		99
31) Naphthalene	10.769	128	3177233	49.055	ng		100
32) Benzoic acid	10.028	122	555593	53.040	ng		96
33) 4-Chloroaniline	10.875	127	468830	18.308	ng		96
34) Hexachlorobutadiene	11.051	225	599291	50.379	ng		97
35) Caprolactam	11.657	113	248853	48.785	ng		97
36) 4-Chloro-3-methylphenol	12.004	107	863872	51.186	ng		98
37) 2-Methylnaphthalene	12.375	142	2113935	49.622	ng		97
38) 1-Methylnaphthalene	12.598	142	2004078	48.292	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	1014995	51.501	ng		98
41) Hexachlorocyclopentadiene	12.722	237	1460802	142.116	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	641055	55.828	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.051	196	678966	55.121	ng	97
46)	1,1'-Biphenyl	13.386	154	2602217	50.327	ng	99
47)	2-Chloronaphthalene	13.422	162	2006788	50.693	ng	99
48)	2-Nitroaniline	13.627	65	518607	49.887	ng	90
49)	Acenaphthylene	14.269	152	3090058	51.642	ng	100
50)	Dimethylphthalate	14.010	163	2192255	49.962	ng	99
51)	2,6-Dinitrotoluene	14.127	165	479439	50.078	ng	90
52)	Acenaphthene	14.610	154	1821980	49.890	ng	99
53)	3-Nitroaniline	14.451	138	307931	28.169	ng	92
54)	2,4-Dinitrophenol	14.657	184	438889	106.360	ng	87
55)	Dibenzofuran	14.945	168	2798156	47.380	ng	98
56)	4-Nitrophenol	14.757	139	844456	93.902	ng	87
57)	2,4-Dinitrotoluene	14.904	165	628587	49.685	ng	98
58)	Fluorene	15.586	166	2255034	48.127	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.163	232	528333	52.027	ng	96
60)	Diethylphthalate	15.368	149	2173199	50.340	ng	100
61)	4-Chlorophenyl-phenyle...	15.586	204	1102132	47.377	ng	95
62)	4-Nitroaniline	15.610	138	500366	42.372	ng	91
63)	Azobenzene	15.880	77	2148723	48.029	ng	94
65)	4,6-Dinitro-2-methylph...	15.663	198	261549	50.913	ng	94
66)	n-Nitrosodiphenylamine	15.798	169	1828099	52.862	ng	100
67)	4-Bromophenyl-phenylether	16.480	248	644216	53.787	ng	94
68)	Hexachlorobenzene	16.586	284	742360	52.479	ng	92
69)	Atrazine	16.751	200	587448	65.743	ng	99
70)	Pentachlorophenol	16.927	266	840994	115.079	ng	99
71)	Phenanthrene	17.327	178	3127102	49.221	ng	99
72)	Anthracene	17.415	178	3177719	51.992	ng	99
73)	Carbazole	17.686	167	2867969	46.642	ng	99
74)	Di-n-butylphthalate	18.256	149	3431870	52.104	ng	99
75)	Fluoranthene	19.339	202	3328630	46.849	ng	99
77)	Benzidine	19.521	184	1378734	101.129	ng	99
78)	Pyrene	19.698	202	3367405	55.063	ng	99
80)	Butylbenzylphthalate	20.603	149	1269879	57.773	ng	99
81)	Benzo(a)anthracene	21.445	228	3070281	50.258	ng	99
82)	3,3'-Dichlorobenzidine	21.380	252	819234	66.148	ng	99
83)	Chrysene	21.497	228	2905716	49.266	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.386	149	1857031	56.337	ng	98
85)	Di-n-octyl phthalate	22.309	149	2885790	60.550	ng	96
87)	Indeno(1,2,3-cd)pyrene	26.332	276	4027664	53.971	ng	99
88)	Benzo(b)fluoranthene	23.115	252	3149547	50.885	ng	99
89)	Benzo(k)fluoranthene	23.168	252	3182054	49.152	ng	99
90)	Benzo(a)pyrene	23.738	252	2876176	55.537	ng	99
91)	Dibenzo(a,h)anthracene	26.356	278	3505686	56.628	ng	99
92)	Benzo(g,h,i)perylene	27.097	276	3514741	57.541	ng	99

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

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