Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035162.D
Acq On : 19 May 2022 20:58
Operator : CG/JU
Sample : N2871-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P017-SS001-1824-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

Quant Time: May 20 04:56:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	146857	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	555650	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	312703	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	577734	20.000	ng		0.00
76) Chrysene-d12	21.468	240	553535	20.000	ng		0.00
86) Perylene-d12	23.856	264	647513	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	926088	111.253	ng		0.00
7) Phenol-d6	7.075	99	1162405	108.170	ng		0.00
23) Nitrobenzene-d5	9.063	82	764728	74.321	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	376118	110.572	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1556002	72.235	ng		0.00
79) Terphenyl-d14	19.910	244	1899303	66.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	138450	41.106	ng		99
3) Pyridine	3.781	79	365190	38.915	ng		98
4) n-Nitrosodimethylamine	3.693	42	233598	50.486	ng		99
6) Aniline	7.228	93	459699	37.242	ng		99
8) 2-Chlorophenol	7.469	128	456822	49.308	ng		97
9) Benzaldehyde	7.040	77	290905	41.593	ng		97
10) Phenol	7.104	94	527255	47.976	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	396098	47.876	ng		97
12) 1,3-Dichlorobenzene	7.793	146	499854	47.630	ng		99
13) 1,4-Dichlorobenzene	7.940	146	505920	47.104	ng		100
14) 1,2-Dichlorobenzene	8.257	146	485135	47.444	ng		100
15) Benzyl Alcohol	8.146	79	393540m	49.004	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	577402	43.063	ng		99
17) 2-Methylphenol	8.351	107	353653	47.390	ng		99
18) Hexachloroethane	8.987	117	188148	47.727	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	323162	45.936	ng		99
20) 3+4-Methylphenols	8.681	107	471518	46.179	ng		99
22) Acetophenone	8.728	105	639597	47.528	ng	#	99
24) Nitrobenzene	9.104	77	482430	46.609	ng		98
25) Isophorone	9.640	82	831973	48.361	ng		98
26) 2-Nitrophenol	9.816	139	234894	52.008	ng		98
27) 2,4-Dimethylphenol	9.887	122	389626	55.943	ng		97
28) bis(2-Chloroethoxy)met...	10.122	93	506107	51.119	ng		99
29) 2,4-Dichlorophenol	10.357	162	400013	48.714	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	449529	48.365	ng		98
31) Naphthalene	10.757	128	1294912	45.176	ng		100
32) Benzoic acid	10.022	122	276049	49.404	ng		99
33) 4-Chloroaniline	10.863	127	181388	15.731	ng		99
34) Hexachlorobutadiene	11.051	225	280042	48.799	ng		99
35) Caprolactam	11.651	113	111072	46.833	ng		99
36) 4-Chloro-3-methylphenol	11.998	107	400382	47.120	ng		100
37) 2-Methylnaphthalene	12.369	142	886461	44.633	ng		100
38) 1-Methylnaphthalene	12.586	142	851729	43.914	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	471566	52.961	ng		99
41) Hexachlorocyclopentadiene	12.722	237	586945	110.100	ng		99
43) 2,4,6-Trichlorophenol	12.981	196	308823	51.235	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	325703	48.660	ng	97
46) 1,1'-Biphenyl	13.381	154	1143177	48.526	ng	99
47) 2-Chloronaphthalene	13.422	162	879104	47.883	ng	100
48) 2-Nitroaniline	13.622	65	257930	48.838	ng	100
49) Acenaphthylene	14.263	152	1400286	49.540	ng	100
50) Dimethylphthalate	14.004	163	1076211	46.163	ng	99
51) 2,6-Dinitrotoluene	14.116	165	228728	48.188	ng	98
52) Acenaphthene	14.610	154	871835m	45.525	ng	
53) 3-Nitroaniline	14.445	138	130186	25.563	ng	96
54) 2,4-Dinitrophenol	14.651	184	105721	37.867	ng	98
55) Dibenzofuran	14.939	168	1258683	46.039	ng	100
56) 4-Nitrophenol	14.757	139	388825	93.475	ng	99
57) 2,4-Dinitrotoluene	14.904	165	308678	48.516	ng	99
58) Fluorene	15.592	166	1021112	44.963	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	261217	45.905	ng	97
60) Diethylphthalate	15.369	149	1055657	44.458	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	514788	47.366	ng	96
62) 4-Nitroaniline	15.604	138	212065	40.214	ng	97
63) Azobenzene	15.874	77	959961	44.326	ng	99
65) 4,6-Dinitro-2-methylph...	15.669	198	83937	24.304	ng	95
66) n-Nitrosodiphenylamine	15.798	169	862550	49.263	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	295647	50.343	ng	97
68) Hexachlorobenzene	16.598	284	330721	49.881	ng	97
69) Atrazine	16.751	200	292488	49.758	ng	99
70) Pentachlorophenol	16.939	266	440709	106.086	ng	100
71) Phenanthrene	17.327	178	1471226	45.692	ng	100
72) Anthracene	17.421	178	1491522	47.973	ng	100
73) Carbazole	17.686	167	1332776	46.937	ng	99
74) Di-n-butylphthalate	18.263	149	1670171	46.228	ng	100
75) Fluoranthene	19.345	202	1613370	45.632	ng	98
77) Benzidine	19.527	184	815451	48.223	ng	100
78) Pyrene	19.704	202	1664935	45.483	ng	99
80) Butylbenzylphthalate	20.609	149	733440	45.648	ng	97
81) Benzo(a)anthracene	21.456	228	1752125	47.437	ng	100
82) 3,3'-Dichlorobenzidine	21.386	252	527467	48.997	ng	99
83) Chrysene	21.509	228	1618083	45.864	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	1091672	44.185	ng	100
85) Di-n-octyl phthalate	22.315	149	1909106	46.872	ng	99
87) Indeno(1,2,3-cd)pyrene	26.339	276	2352736	47.791	ng	98
88) Benzo(b)fluoranthene	23.133	252	1955637	48.019	ng	99
89) Benzo(k)fluoranthene	23.180	252	1911200	46.359	ng	100
90) Benzo(a)pyrene	23.750	252	1923673	56.855	ng	99
91) Dibenzo(a,h)anthracene	26.350	278	2063748	49.975	ng	98
92) Benzo(g,h,i)perylene	27.097	276	2029866	51.157	ng	98

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

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