Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072122\
Data File : BM035893.D
Acq On : 21 Jul 2022 17:40
Operator : CG/JU
Sample : N3786-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 01:08:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
0718-WC-TP-WC3AMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	328251	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1274955	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	659480	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1149519	20.000	ng		0.00
76) Chrysene-d12	21.445	240	923408	20.000	ng		0.00
86) Perylene-d12	23.821	264	846835	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1820132	85.963	ng		0.00
7) Phenol-d6	7.063	99	2258062	84.809	ng		0.00
23) Nitrobenzene-d5	9.063	82	1315596	55.188	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	594510	80.594	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	2654454	56.895	ng		0.00
79) Terphenyl-d14	19.892	244	3010985	63.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	394002	45.020	ng		95
3) Pyridine	3.728	79	1046786	45.005	ng		89
4) n-Nitrosodimethylamine	3.646	42	505952	52.051	ng	#	67
6) Aniline	7.222	93	1426112	48.774	ng		96
8) 2-Chlorophenol	7.457	128	1081810	49.445	ng		98
9) Benzaldehyde	7.034	77	546425	36.530	ng		96
10) Phenol	7.093	94	1342145	50.052	ng		92
11) bis(2-Chloroethyl)ether	7.322	93	1067074	49.320	ng		99
12) 1,3-Dichlorobenzene	7.787	146	1202273	49.265	ng		98
13) 1,4-Dichlorobenzene	7.934	146	1227732	49.410	ng		98
14) 1,2-Dichlorobenzene	8.251	146	1164982	48.475	ng		99
15) Benzyl Alcohol	8.139	79	841699m	47.978	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	1431705	50.827	ng		98
17) 2-Methylphenol	8.345	107	848327	48.730	ng		95
18) Hexachloroethane	8.981	117	449441	50.278	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	745158	48.274	ng		90
20) 3+4-Methylphenols	8.675	107	1107350	47.064	ng		97
22) Acetophenone	8.728	105	1543944	48.999	ng	#	93
24) Nitrobenzene	9.104	77	1145137	51.145	ng		99
25) Isophorone	9.634	82	1968862	52.797	ng		98
26) 2-Nitrophenol	9.816	139	498282	49.404	ng		95
27) 2,4-Dimethylphenol	9.881	122	893278	56.147	ng		100
28) bis(2-Chloroethoxy)met...	10.122	93	1259745	48.535	ng		99
29) 2,4-Dichlorophenol	10.351	162	857388	48.605	ng		99
30) 1,2,4-Trichlorobenzene	10.563	180	952999	46.813	ng		98
31) Naphthalene	10.757	128	3187392	49.204	ng		99
32) Benzoic acid	10.016	122	519521	43.177	ng		93
33) 4-Chloroaniline	10.869	127	565937	21.838	ng		96
34) Hexachlorobutadiene	11.039	225	554939	47.497	ng		97
35) Caprolactam	11.651	113	229780	42.594	ng		97
36) 4-Chloro-3-methylphenol	11.992	107	847075	46.831	ng		99
37) 2-Methylnaphthalene	12.363	142	2049550	48.636	ng		99
38) 1-Methylnaphthalene	12.580	142	1947501	47.479	ng		99
40) 1,2,4,5-Tetrachloroben...	12.727	216	945152	50.163	ng		98
41) Hexachlorocyclopentadiene	12.710	237	1341169	132.064	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	595416	47.808	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	627523	47.787	ng	97
46) 1,1'-Biphenyl	13.374	154	2510134	50.035	ng	99
47) 2-Chloronaphthalene	13.410	162	1906790	49.451	ng	98
48) 2-Nitroaniline	13.616	65	517064	48.664	ng	97
49) Acenaphthylene	14.257	152	2974458	50.098	ng	100
50) Dimethylphthalate	13.998	163	2026144	46.677	ng	99
51) 2,6-Dinitrotoluene	14.116	165	445735	49.106	ng	93
52) Acenaphthene	14.598	154	1759999	49.484	ng	99
53) 3-Nitroaniline	14.439	138	325810	29.813	ng	95
54) 2,4-Dinitrophenol	14.645	184	422685	94.504	ng	91
55) Dibenzofuran	14.927	168	2680725	47.043	ng	98
56) 4-Nitrophenol	14.745	139	831391	96.959	ng	88
57) 2,4-Dinitrotoluene	14.898	165	584819	49.233	ng	98
58) Fluorene	15.574	166	2174650	48.604	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	487676	46.201	ng	99
60) Diethylphthalate	15.357	149	1975985	45.940	ng	100
61) 4-Chlorophenyl-phenyle...	15.574	204	1022978	46.992	ng	98
62) 4-Nitroaniline	15.598	138	480416	42.932	ng	93
63) Azobenzene	15.868	77	2092553	47.380	ng	93
65) 4,6-Dinitro-2-methylph...	15.651	198	241832	41.895	ng	94
66) n-Nitrosodiphenylamine	15.786	169	1724136	51.079	ng	99
67) 4-Bromophenyl-phenylether	16.468	248	575601	49.811	ng	95
68) Hexachlorobenzene	16.574	284	677778	50.526	ng	92
69) Atrazine	16.739	200	526708	59.382	ng	97
70) Pentachlorophenol	16.915	266	788820	105.972	ng	99
71) Phenanthrene	17.315	178	2994346	49.516	ng	99
72) Anthracene	17.404	178	3006979	51.157	ng	99
73) Carbazole	17.674	167	2749504	46.114	ng	99
74) Di-n-butylphthalate	18.245	149	3013631	49.642	ng	99
75) Fluoranthene	19.327	202	3111928	47.344	ng	98
77) Benzidine	19.515	184	1589168	98.022	ng	99
78) Pyrene	19.686	202	3184085	52.736	ng	99
80) Butylbenzylphthalate	20.592	149	1116885	51.820	ng	98
81) Benzo(a)anthracene	21.433	228	2837027	48.534	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	744288	54.358	ng	99
83) Chrysene	21.486	228	2686190	48.158	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1594873	52.499	ng	99
85) Di-n-octyl phthalate	22.292	149	2384507	49.476	ng	97
87) Indeno(1,2,3-cd)pyrene	26.297	276	3067473	49.576	ng	97
88) Benzo(b)fluoranthene	23.097	252	2697759m	53.518	ng	
89) Benzo(k)fluoranthene	23.144	252	2698049	51.721	ng	99
90) Benzo(a)pyrene	23.715	252	2350822	54.789	ng	99
91) Dibenzo(a,h)anthracene	26.315	278	2677949	52.083	ng	98
92) Benzo(g,h,i)perylene	27.056	276	2708519	53.416	ng	98

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

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