Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036152.D
Acq On : 08 Aug 2022 19:57
Operator : CG/JU
Sample : N4091-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 23:39:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PSC-124042MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	316495	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	1233438	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	636109	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1117564	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1038964	20.000	ng		0.00
86) Perylene-d12	23.774	264	1262008	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2289428	117.277	ng		0.00
7) Phenol-d6	7.057	99	2732459	110.004	ng		0.00
23) Nitrobenzene-d5	9.022	82	1634008	74.156	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	758967	101.706	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	2947632	68.418	ng		0.00
79) Terphenyl-d14	19.856	244	3101276	58.877	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	327439	41.625	ng		94
3) Pyridine	3.687	79	898936	42.616	ng		90
4) n-Nitrosodimethylamine	3.599	42	410307	47.335	ng	#	65
6) Aniline	7.181	93	1250449	45.459	ng		96
8) 2-Chlorophenol	7.422	128	975199	46.853	ng		96
9) Benzaldehyde	6.987	77	623928	47.446	ng		95
10) Phenol	7.087	94	1161605	46.444	ng		89
11) bis(2-Chloroethyl)ether	7.281	93	932164	45.243	ng		94
12) 1,3-Dichlorobenzene	7.734	146	1093889	47.427	ng		97
13) 1,4-Dichlorobenzene	7.881	146	1112629	47.303	ng		99
14) 1,2-Dichlorobenzene	8.198	146	1055791	46.520	ng		98
15) Benzyl Alcohol	8.104	79	762484m	45.743	ng		
16) 2,2'-oxybis(1-Chloropr...	8.386	45	1246240	45.489	ng		96
17) 2-Methylphenol	8.328	107	753343	45.502	ng		96
18) Hexachloroethane	8.922	117	411120	48.554	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	647230	42.897	ng		89
20) 3+4-Methylphenols	8.657	107	981063	43.615	ng		95
22) Acetophenone	8.681	105	1372792	47.017	ng	#	92
24) Nitrobenzene	9.063	77	994690	48.019	ng		96
25) Isophorone	9.586	82	1738103	48.488	ng		99
26) 2-Nitrophenol	9.769	139	494257	50.587	ng		93
27) 2,4-Dimethylphenol	9.851	122	806641	53.296	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	1111496	43.523	ng		99
29) 2,4-Dichlorophenol	10.322	162	787951	46.294	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	869412	45.075	ng		98
31) Naphthalene	10.704	128	2817888	45.951	ng		100
32) Benzoic acid	10.028	122	557818	46.494	ng		93
33) 4-Chloroaniline	10.827	127	815763	33.008	ng		96
34) Hexachlorobutadiene	10.980	225	529597	46.726	ng		97
35) Caprolactam	11.633	113	220079	41.979	ng		97
36) 4-Chloro-3-methylphenol	11.980	107	767961	42.926	ng		100
37) 2-Methylnaphthalene	12.316	142	1819013	44.575	ng		97
38) 1-Methylnaphthalene	12.533	142	1715375	42.924	ng		97
40) 1,2,4,5-Tetrachloroben...	12.680	216	864371	50.121	ng		98
41) Hexachlorocyclopentadiene	12.657	237	1118118	122.416	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	562096	47.900	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.016	196	588447	47.503	ng	98
46)	1,1'-Biphenyl	13.327	154	2248430	48.502	ng	99
47)	2-Chloronaphthalene	13.368	162	1698756	47.879	ng	99
48)	2-Nitroaniline	13.586	65	475037	49.129	ng	96
49)	Acenaphthylene	14.215	152	2625300	47.867	ng	100
50)	Dimethylphthalate	13.957	163	1889284	43.675	ng	99
51)	2,6-Dinitrotoluene	14.080	165	412464	47.523	ng	92
52)	Acenaphthene	14.551	154	1828141m	50.956	ng	
53)	3-Nitroaniline	14.415	138	354320	34.990	ng	96
54)	2,4-Dinitrophenol	14.615	184	434217	94.541	ng	92
55)	Dibenzofuran	14.886	168	2386268	44.416	ng	98
56)	4-Nitrophenol	14.762	139	760442	93.841	ng	87
57)	2,4-Dinitrotoluene	14.862	165	545623	47.962	ng	98
58)	Fluorene	15.539	166	1881028	44.385	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.121	232	453346	43.203	ng	98
60)	Diethylphthalate	15.315	149	1858517	41.808	ng	100
61)	4-Chlorophenyl-phenyle...	15.533	204	896783	42.437	ng	96
62)	4-Nitroaniline	15.580	138	445042m	42.721	ng	
63)	Azobenzene	15.821	77	1806360	42.743	ng	93
65)	4,6-Dinitro-2-methylph...	15.621	198	260056	45.510	ng	93
66)	n-Nitrosodiphenylamine	15.751	169	1532903	48.589	ng	99
67)	4-Bromophenyl-phenylether	16.427	248	526452	47.095	ng	96
68)	Hexachlorobenzene	16.533	284	616072	48.033	ng	92
69)	Atrazine	16.709	200	501102	56.765	ng	98
70)	Pentachlorophenol	16.886	266	723561	96.323	ng	98
71)	Phenanthrene	17.274	178	2680486	47.079	ng	99
72)	Anthracene	17.362	178	2690538	48.811	ng	99
73)	Carbazole	17.645	167	2484683	44.488	ng	99
74)	Di-n-butylphthalate	18.203	149	2991262	44.866	ng	99
75)	Fluoranthene	19.292	202	2888636	45.324	ng	99
77)	Benzidine	19.486	184	2174464	139.555	ng	99
78)	Pyrene	19.650	202	2968005	46.068	ng	99
80)	Butylbenzylphthalate	20.556	149	1273332	45.793	ng	96
81)	Benzo(a)anthracene	21.397	228	2979476	46.559	ng	99
82)	3,3'-Dichlorobenzidine	21.339	252	1128501	72.625	ng	100
83)	Chrysene	21.450	228	2779339	45.689	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.327	149	1865157	44.461	ng	100
85)	Di-n-octyl phthalate	22.238	149	3318492	48.471	ng	95
87)	Indeno(1,2,3-cd)pyrene	26.226	276	4266594	48.108	ng	99
88)	Benzo(b)fluoranthene	23.056	252	3504354	47.395	ng	99
89)	Benzo(k)fluoranthene	23.103	252	3344532	44.785	ng	99
90)	Benzo(a)pyrene	23.668	252	3162410	50.976	ng	98
91)	Dibenzo(a,h)anthracene	26.244	278	3734650	50.308	ng	98
92)	Benzo(g,h,i)perylene	26.985	276	3688975	51.330	ng	99

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

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