Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
Data File : BF134343.D
Acq On : 18 Jul 2023 18:02
Operator : CG\JU
Sample : 03597-21MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-51-(2-5)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 01:38:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	74185	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	282112	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	147004	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	267876	20.000	ng		0.00
76) Chrysene-d12	14.033	240	168182	20.000	ng		0.00
86) Perylene-d12	15.539	264	182820	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	565592	127.533	ng		0.02
7) Phenol-d6	6.486	99	580706	106.473	ng		0.00
23) Nitrobenzene-d5	7.404	82	404215	77.237	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	220606	119.691	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	801588	79.278	ng		0.00
79) Terphenyl-d14	12.968	244	840439	80.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	77026	42.122	ng		99
3) Pyridine	3.457	79	190775	40.053	ng		97
4) n-Nitrosodimethylamine	3.422	42	132460	48.692	ng		98
6) Aniline	6.504	93	125920	18.973	ng	#	1
8) 2-Chlorophenol	6.628	128	196101	43.559	ng		99
9) Benzaldehyde	6.398	77	121664	40.816	ng		96
10) Phenol	6.498	94	229665	40.050	ng		86
11) bis(2-Chloroethyl)ether	6.581	93	179359	42.484	ng		94
12) 1,3-Dichlorobenzene	6.781	146	212482	44.271	ng		99
13) 1,4-Dichlorobenzene	6.857	146	217730	44.913	ng		99
14) 1,2-Dichlorobenzene	7.010	146	210827	46.436	ng		98
15) Benzyl Alcohol	6.986	79	184565	43.897	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	271680	36.374	ng		83
17) 2-Methylphenol	7.098	107	159454	39.553	ng	#	94
18) Hexachloroethane	7.345	117	83180	46.275	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	148331	42.886	ng		95
20) 3+4-Methylphenols	7.251	107	206644	42.252	ng	#	86
22) Acetophenone	7.251	105	289235	45.081	ng		94
24) Nitrobenzene	7.428	77	219010	41.412	ng		97
25) Isophorone	7.663	82	391634	41.175	ng		99
26) 2-Nitrophenol	7.739	139	110108	43.401	ng		94
27) 2,4-Dimethylphenol	7.781	122	173803	43.279	ng		94
28) bis(2-Chloroethoxy)met...	7.869	93	224736	40.806	ng		99
29) 2,4-Dichlorophenol	7.981	162	168465	42.304	ng		96
30) 1,2,4-Trichlorobenzene	8.063	180	184159	44.818	ng		97
31) Naphthalene	8.139	128	570409	41.859	ng		99
32) Benzoic acid	7.916	122	124054	41.224	ng		96
33) 4-Chloroaniline	8.198	127	33251	5.704	ng		97
34) Hexachlorobutadiene	8.251	225	121898	47.029	ng		99
35) Caprolactam	8.575	113	53595m	40.875	ng		
36) 4-Chloro-3-methylphenol	8.686	107	194345	43.442	ng		96
37) 2-Methylnaphthalene	8.833	142	391765	40.655	ng		97
38) 1-Methylnaphthalene	8.933	142	365653	40.817	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	191734	44.024	ng		98
41) Hexachlorocyclopentadiene	8.980	237	130105	62.968	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	125454	42.315	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	127791	36.643	ng		97
46) 1,1'-Biphenyl	9.298	154	493654	41.863	ng		97
47) 2-Chloronaphthalene	9.327	162	366411	42.468	ng		100
48) 2-Nitroaniline	9.427	65	123148	39.164	ng		98
49) Acenaphthylene	9.739	152	591975	40.165	ng		99
50) Dimethylphthalate	9.604	163	452471	42.402	ng		99
51) 2,6-Dinitrotoluene	9.669	165	94722	41.213	ng		89
52) Acenaphthene	9.916	154	354609	41.464	ng		99
53) 3-Nitroaniline	9.839	138	47973	17.399	ng		97
54) 2,4-Dinitrophenol	9.957	184	91111	69.191	ng		95
55) Dibenzofuran	10.086	168	548798	41.060	ng		99
56) 4-Nitrophenol	10.016	139	135939	70.483	ng		91
57) 2,4-Dinitrotoluene	10.080	165	125269	41.271	ng		85
58) Fluorene	10.433	166	432613	41.604	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	110873	40.305	ng		96
60) Diethylphthalate	10.304	149	470353	42.307	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	213775	42.660	ng		100
62) 4-Nitroaniline	10.463	138	81312	29.262	ng		96
63) Azobenzene	10.580	77	416793	39.633	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	62062	42.495	ng		90
66) n-Nitrosodiphenylamine	10.545	169	374511	43.758	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	131650	46.238	ng	#	88
68) Hexachlorobenzene	10.980	284	150581	49.811	ng		95
69) Atrazine	11.074	200	126776	53.551	ng		99
70) Pentachlorophenol	11.180	266	127910	70.765	ng		99
71) Phenanthrene	11.398	178	635893	47.154	ng		99
72) Anthracene	11.451	178	599699	42.755	ng		99
73) Carbazole	11.610	167	540953	42.136	ng		98
74) Di-n-butylphthalate	11.933	149	713226	46.716	ng		98
75) Fluoranthene	12.592	202	633601	43.460	ng		98
77) Benzidine	12.721	184	219163	54.766	ng		99
78) Pyrene	12.827	202	621662	39.719	ng		99
80) Butylbenzylphthalate	13.445	149	257465	43.860	ng		98
81) Benzo(a)anthracene	14.027	228	503899	43.202	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	100501	27.197	ng		99
83) Chrysene	14.062	228	461513	40.852	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	341607	50.645	ng		100
85) Di-n-octyl phthalate	14.627	149	528173	53.292	ng		97
87) Indeno(1,2,3-cd)pyrene	17.098	276	534695	42.149	ng	#	94
88) Benzo(b)fluoranthene	15.098	252	491445	45.716	ng		99
89) Benzo(k)fluoranthene	15.127	252	474769	43.377	ng		96
90) Benzo(a)pyrene	15.480	252	434005	41.751	ng	#	97
91) Dibenzo(a,h)anthracene	17.109	278	437923	42.264	ng	#	96
92) Benzo(g,h,i)perylene	17.568	276	415828	38.916	ng	#	96

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

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