Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134588.D
Acq On : 02 Aug 2023 19:37
Operator : CG\JU
Sample : 03842-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
342MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 01:49:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	181777	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	701536	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	312627	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	481026	20.000	ng	#	0.00
76) Chrysene-d12	13.962	240	295202	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	261683	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1019640	85.267	ng		0.01
7) Phenol-d6	6.434	99	1320572	86.389	ng		0.00
23) Nitrobenzene-d5	7.357	82	774541	68.996	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	268547	84.265	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1336001	71.055	ng		0.00
79) Terphenyl-d14	12.910	244	1194840	71.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	224838	40.865	ng		96
3) Pyridine	3.351	79	572373	38.391	ng		90
4) n-Nitrosodimethylamine	3.310	42	321566	45.141	ng	#	65
6) Aniline	6.463	93	586988	29.276	ng		92
8) 2-Chlorophenol	6.581	128	615811	51.050	ng		96
9) Benzaldehyde	6.351	77	323993	47.217	ng		95
10) Phenol	6.445	94	726968m	48.259	ng		
11) bis(2-Chloroethyl)ether	6.539	93	573692	47.941	ng		93
12) 1,3-Dichlorobenzene	6.739	146	607988	48.714	ng		94
13) 1,4-Dichlorobenzene	6.816	146	613367	49.036	ng		97
14) 1,2-Dichlorobenzene	6.963	146	593401	50.916	ng		96
15) Benzyl Alcohol	6.939	79	511129	48.469	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.075	45	898094	47.904	ng		89
17) 2-Methylphenol	7.051	107	478269	44.867	ng		92
18) Hexachloroethane	7.304	117	201544	45.909	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	398183	43.506	ng	#	90
20) 3+4-Methylphenols	7.204	107	551322	42.886	ng	#	83
22) Acetophenone	7.210	105	732044	45.200	ng	#	85
24) Nitrobenzene	7.381	77	612141	50.474	ng		92
25) Isophorone	7.616	82	1117231	45.630	ng		99
26) 2-Nitrophenol	7.692	139	271809	52.202	ng	#	89
27) 2,4-Dimethylphenol	7.733	122	491304	44.971	ng		83
28) bis(2-Chloroethoxy)met...	7.828	93	694927	47.446	ng		99
29) 2,4-Dichlorophenol	7.933	162	467724	47.171	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	514489	48.658	ng		98
31) Naphthalene	8.098	128	1602681	45.456	ng		98
32) Benzoic acid	7.851	122	347915	48.685	ng		91
33) 4-Chloroaniline	8.145	127	223095	14.201	ng		97
34) Hexachlorobutadiene	8.216	225	294108	48.222	ng		97
35) Caprolactam	8.516	113	149882m	46.852	ng		
36) 4-Chloro-3-methylphenol	8.628	107	470104	44.768	ng		93
37) 2-Methylnaphthalene	8.786	142	997747	42.693	ng		99
38) 1-Methylnaphthalene	8.886	142	939879	43.249	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	465223	51.174	ng		98
41) Hexachlorocyclopentadiene	8.939	237	223581	50.575	ng		93
43) 2,4,6-Trichlorophenol	9.063	196	305781	51.395	ng		98

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44) 2,4,5-Trichlorophenol	9.104	196	313716	46.135	ng		93
46) 1,1'-Biphenyl	9.257	154	1218422	50.119	ng		99
47) 2-Chloronaphthalene	9.275	162	884832	48.574	ng		98
48) 2-Nitroaniline	9.375	65	284474	49.954	ng		89
49) Acenaphthylene	9.692	152	1338484	46.745	ng		99
50) Dimethylphthalate	9.557	163	1089215	51.118	ng		98
51) 2,6-Dinitrotoluene	9.616	165	225388	51.438	ng		86
52) Acenaphthene	9.863	154	844552	45.514	ng		97
53) 3-Nitroaniline	9.780	138	195149	41.090	ng		93
54) 2,4-Dinitrophenol	9.886	184	59418	43.961	ng		88
55) Dibenzofuran	10.039	168	1179688	44.659	ng		93
56) 4-Nitrophenol	9.945	139	344175	88.606	ng	#	72
57) 2,4-Dinitrotoluene	10.022	165	264853	50.095	ng	#	79
58) Fluorene	10.380	166	818856	42.559	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	244810	45.506	ng	#	95
60) Diethylphthalate	10.257	149	977765	48.412	ng		96
61) 4-Chlorophenyl-phenyle...	10.374	204	423693	44.801	ng		93
62) 4-Nitroaniline	10.398	138	191155	41.064	ng		85
63) Azobenzene	10.533	77	913986	42.120	ng		97
65) 4,6-Dinitro-2-methylph...	10.422	198	44969	27.637	ng		93
66) n-Nitrosodiphenylamine	10.492	169	787906	51.461	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	275248	52.272	ng		97
68) Hexachlorobenzene	10.927	284	284165	51.104	ng	#	90
69) Atrazine	11.027	200	247123	59.883	ng		99
70) Pentachlorophenol	11.121	266	282505	82.055	ng		98
71) Phenanthrene	11.339	178	1228748	48.092	ng		99
72) Anthracene	11.392	178	1228829	47.085	ng		99
73) Carbazole	11.551	167	1059462	45.466	ng		99
74) Di-n-butylphthalate	11.892	149	1273672	51.448	ng		99
75) Fluoranthene	12.533	202	1308900	48.498	ng		97
77) Benzidine	12.657	184	502590	78.429	ng		99
78) Pyrene	12.763	202	1317863	51.591	ng		97
80) Butylbenzylphthalate	13.392	149	500304	57.921	ng		95
81) Benzo(a)anthracene	13.951	228	1020786	48.359	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	348912	57.025	ng		97
83) Chrysene	13.992	228	969375	47.137	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	609401	59.952	ng		99
85) Di-n-octyl phthalate	14.574	149	1103745	71.404	ng		97
87) Indeno(1,2,3-cd)pyrene	16.898	276	750381	48.757	ng	#	93
88) Benzo(b)fluoranthene	14.998	252	817138	51.200	ng	#	97
89) Benzo(k)fluoranthene	15.027	252	778873	48.990	ng	#	98
90) Benzo(a)pyrene	15.362	252	682548	45.868	ng	#	97
91) Dibenzo(a,h)anthracene	16.921	278	619677	49.822	ng	#	95
92) Benzo(g,h,i)perylene	17.345	276	569825	44.913	ng	#	93

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

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