Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133406.D
Acq On : 16 May 2023 17:10
Operator : CG\JU
Sample : 02802-01MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORA-1639MSD

Quant Time: May 16 17:40:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	223412	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	818116	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	354729	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	595364	20.000	ng		0.00
76) Chrysene-d12	13.880	240	484873	20.000	ng		0.00
86) Perylene-d12	15.304	264	383886	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	259665	17.557	ng		0.00
7) Phenol-d6	6.363	99	314518	17.134	ng		0.00
23) Nitrobenzene-d5	7.281	82	179527	11.845	ng		-0.01
42) 2,4,6-Tribromophenol	10.545	330	57016	15.982	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	337677	15.926	ng		-0.01
79) Terphenyl-d14	12.822	244	363289	12.922	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.352	88	50890	7.418	ng		96
3) Pyridine	3.063	79	111099	6.098	ng		96
4) n-Nitrosodimethylamine	2.999	42	61729	6.541	ng	#	94
6) Aniline	6.381	93	78145	3.305	ng	#	43
8) 2-Chlorophenol	6.504	128	125999	8.391	ng		98
9) Benzaldehyde	6.263	77	80115	3.753	ng		98
10) Phenol	6.375	94	154899	7.649	ng		93
11) bis(2-Chloroethyl)ether	6.451	93	120771	7.947	ng		97
12) 1,3-Dichlorobenzene	6.657	146	140699	8.813	ng		100
13) 1,4-Dichlorobenzene	6.734	146	141852	8.866	ng		100
14) 1,2-Dichlorobenzene	6.887	146	136116	9.227	ng		98
15) Benzyl Alcohol	6.863	79	97049	7.654	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.998	45	193637	7.336	ng		91
17) 2-Methylphenol	6.987	107	99490	7.236	ng		97
18) Hexachloroethane	7.228	117	41901	7.532	ng	#	87
19) n-Nitroso-di-n-propyla...	7.128	70	87637	7.669	ng		96
20) 3+4-Methylphenols	7.140	107	127700	7.886	ng	#	64
22) Acetophenone	7.128	105	176573	9.317	ng	#	91
24) Nitrobenzene	7.298	77	117839	7.672	ng		97
25) Isophorone	7.540	82	221116	7.684	ng		97
26) 2-Nitrophenol	7.622	139	54686	7.382	ng		92
27) 2,4-Dimethylphenol	7.669	122	109350	8.608	ng		96
28) bis(2-Chloroethoxy)met...	7.757	93	138826	8.155	ng		99
29) 2,4-Dichlorophenol	7.869	162	93763	8.108	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	104817	8.749	ng		98
31) Naphthalene	8.028	128	360415	8.811	ng		100
32) Benzoic acid	7.769	122	31192	3.975	ng		91
33) 4-Chloroaniline	8.081	127	66794	4.042	ng		98
34) Hexachlorobutadiene	8.145	225	56944	8.576	ng		98
35) Caprolactam	8.416	113	29771	7.664	ng	#	86
36) 4-Chloro-3-methylphenol	8.569	107	91553	7.342	ng		98
37) 2-Methylnaphthalene	8.716	142	222220	7.946	ng		99
38) 1-Methylnaphthalene	8.816	142	210586	8.050	ng		97
40) 1,2,4,5-Tetrachloroben...	8.886	216	88168	9.244	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	54025	8.191	ng		96
44) 2,4,5-Trichlorophenol	9.045	196	55955	7.335	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.181	154	266458	9.473	ng		98
47) 2-Chloronaphthalene	9.204	162	186637	9.065	ng		97
48) 2-Nitroaniline	9.298	65	54784	8.051	ng		92
49) Acenaphthylene	9.616	152	317246	9.644	ng		99
50) Dimethylphthalate	9.475	163	219241	8.864	ng		98
51) 2,6-Dinitrotoluene	9.539	165	41471	7.449	ng		91
52) Acenaphthene	9.786	154	185223	8.407	ng		99
53) 3-Nitroaniline	9.710	138	42929	6.485	ng		96
55) Dibenzofuran	9.963	168	260086	8.654	ng		99
56) 4-Nitrophenol	9.892	139	55197	10.766	ng		89
57) 2,4-Dinitrotoluene	9.945	165	49841	7.020	ng		98
58) Fluorene	10.304	166	215208	9.774	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	41240	6.973	ng	#	98
60) Diethylphthalate	10.175	149	200460	8.580	ng		100
61) 4-Chlorophenyl-phenyle...	10.298	204	93110	8.677	ng		99
62) 4-Nitroaniline	10.316	138	48032	7.895	ng		96
63) Azobenzene	10.457	77	183118	7.399	ng		94
66) n-Nitrosodiphenylamine	10.410	169	167278	8.662	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	51303	7.945	ng		98
68) Hexachlorobenzene	10.857	284	54508	8.238	ng		96
69) Atrazine	10.939	200	55461	9.967	ng		99
70) Pentachlorophenol	11.057	266	48008	10.188	ng		98
71) Phenanthrene	11.263	178	434129	13.567	ng		99
72) Anthracene	11.316	178	336223	10.267	ng		100
73) Carbazole	11.475	167	268606	9.212	ng		98
74) Di-n-butylphthalate	11.804	149	310231	9.401	ng		99
75) Fluoranthene	12.451	202	576411	17.949	ng		98
77) Benzidine	12.580	184	108105	13.184	ng	#	94
78) Pyrene	12.680	202	652272	15.693	ng		100
80) Butylbenzylphthalate	13.304	149	140287	9.532	ng		99
81) Benzo(a)anthracene	13.868	228	418308	12.546	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	69748	7.572	ng		97
83) Chrysene	13.904	228	402909	12.087	ng		98
84) Bis(2-ethylhexyl)phtha...	13.863	149	205124	11.104	ng	#	98
85) Di-n-octyl phthalate	14.474	149	332126	11.027	ng		100
87) Indeno(1,2,3-cd)pyrene	16.692	276	233427	10.690	ng		98
88) Benzo(b)fluoranthene	14.898	252	332404	13.611	ng	#	98
89) Benzo(k)fluoranthene	14.921	252	252150	10.415	ng	#	94
90) Benzo(a)pyrene	15.245	252	266281	11.979	ng		98
91) Dibenzo(a,h)anthracene	16.704	278	159024	8.732	ng		98
92) Benzo(g,h,i)perylene	17.104	276	205128	11.408	ng		98

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

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