Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
Data File : BF127843.D
Acq On : 19 Apr 2022 15:50
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF041922

Quant Time: Apr 19 17:36:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 17:31:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	90072	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	436970	20.000	ng	#	0.00
39) Acenaphthene-d10	9.992	164	332696	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	600953	20.000	ng		0.00
76) Chrysene-d12	14.133	240	220624	20.000	ng	#	0.00
86) Perylene-d12	15.645	264	172199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	435519	75.750	ng		0.00
7) Phenol-d6	6.575	99	588804	82.008	ng		0.00
23) Nitrobenzene-d5	7.516	82	661464	70.204	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	301990	74.513	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	1825987	71.688	ng		0.00
79) Terphenyl-d14	13.074	244	1235042	87.867	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	107028	40.211	ng		86
3) Pyridine	3.569	79	299997	39.466	ng		86
4) n-Nitrosodimethylamine	3.552	42	163376	40.135	ng	#	94
6) Aniline	6.610	93	339178	40.626	ng		98
8) 2-Chlorophenol	6.734	128	233368	40.007	ng		96
9) Benzaldehyde	6.498	77	152006	37.046	ng		98
10) Phenol	6.587	94	300249	41.695	ng		94
11) bis(2-Chloroethyl)ether	6.681	93	235689	39.811	ng		93
12) 1,3-Dichlorobenzene	6.887	146	270352	38.988	ng		99
13) 1,4-Dichlorobenzene	6.963	146	272108	40.951	ng		97
14) 1,2-Dichlorobenzene	7.116	146	260504	41.206	ng		96
15) Benzyl Alcohol	7.087	79	268938	43.036	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.216	45	355469	41.747	ng		93
17) 2-Methylphenol	7.192	107	200908	41.097	ng		92
18) Hexachloroethane	7.457	117	111450	40.773	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	204019	41.399	ng		97
20) 3+4-Methylphenols	7.345	107	265968	41.064	ng	#	74
22) Acetophenone	7.357	105	369896	35.242	ng	#	86
24) Nitrobenzene	7.534	77	311066	35.437	ng		99
25) Isophorone	7.769	82	574419	36.234	ng		99
26) 2-Nitrophenol	7.845	139	143079	37.348	ng	#	91
27) 2,4-Dimethylphenol	7.875	122	221085	36.533	ng		90
28) bis(2-Chloroethoxy)met...	7.975	93	383191	40.500	ng		99
29) 2,4-Dichlorophenol	8.081	162	237030	33.402	ng		98
30) 1,2,4-Trichlorobenzene	8.169	180	303022	36.197	ng		99
31) Naphthalene	8.251	128	980904	43.343	ng		98
32) Benzoic acid	8.004	122	204762	47.290	ng		98
33) 4-Chloroaniline	8.298	127	402178	44.773	ng		99
34) Hexachlorobutadiene	8.363	225	273417	44.137	ng		98
35) Caprolactam	8.681	113	115713	51.918	ng	#	74
36) 4-Chloro-3-methylphenol	8.775	107	411378	49.512	ng		97
37) 2-Methylnaphthalene	8.945	142	814473	49.952	ng		98
38) 1-Methylnaphthalene	9.045	142	791128	50.159	ng		98
40) 1,2,4,5-Tetrachloroben...	9.104	216	444067	36.870	ng		99
41) Hexachlorocyclopentadiene	9.092	237	275796	37.579	ng		100
43) 2,4,6-Trichlorophenol	9.216	196	308646	38.293	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	320745	37.595	ng		99
46) 1,1'-Biphenyl	9.410	154	1024390	38.369	ng		98
47) 2-Chloronaphthalene	9.434	162	807794	37.478	ng		99
48) 2-Nitroaniline	9.534	65	280031	37.457	ng		91
49) Acenaphthylene	9.857	152	1227386	39.781	ng		99
50) Dimethylphthalate	9.710	163	989759	39.637	ng		99
51) 2,6-Dinitrotoluene	9.775	165	207733	41.807	ng		95
52) Acenaphthene	10.028	154	799548	40.303	ng		98
53) 3-Nitroaniline	9.945	138	210843	41.141	ng		99
54) 2,4-Dinitrophenol	10.051	184	127075	45.576	ng		92
55) Dibenzofuran	10.198	168	1122249	40.498	ng		96
56) 4-Nitrophenol	10.098	139	163943	43.297	ng		89
57) 2,4-Dinitrotoluene	10.181	165	267721	43.030	ng	#	83
58) Fluorene	10.545	166	836761	39.578	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.310	232	279088	42.353	ng		100
60) Diethylphthalate	10.410	149	925290	40.529	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	463815	39.529	ng		99
62) 4-Nitroaniline	10.569	138	203239	44.433	ng		94
63) Azobenzene	10.692	77	971844	40.617	ng		97
65) 4,6-Dinitro-2-methylph...	10.586	198	167452	43.607	ng		93
66) n-Nitrosodiphenylamine	10.651	169	747126	38.061	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	304827	37.428	ng		97
68) Hexachlorobenzene	11.086	284	330822	37.904	ng		94
69) Atrazine	11.175	200	251787	39.849	ng		97
70) Pentachlorophenol	11.280	266	199363	42.431	ng		97
71) Phenanthrene	11.510	178	1235995	38.478	ng		99
72) Anthracene	11.563	178	1248236	38.462	ng		99
73) Carbazole	11.716	167	1132905	38.350	ng		99
74) Di-n-butylphthalate	12.039	149	1377985	38.653	ng		99
75) Fluoranthene	12.704	202	863096	23.980	ng		98
77) Benzidine	12.822	184	232533	40.848	ng		99
78) Pyrene	12.933	202	806825	43.202	ng		99
80) Butylbenzylphthalate	13.545	149	307052	42.055	ng		89
81) Benzo(a)anthracene	14.121	228	620097	41.146	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	181077	38.046	ng		97
83) Chrysene	14.157	228	582087	41.423	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	423100	44.396	ng		97
85) Di-n-octyl phthalate	14.716	149	625548	43.579	ng		94
87) Indeno(1,2,3-cd)pyrene	17.198	276	473090	41.931	ng	#	95
88) Benzo(b)fluoranthene	15.198	252	466312	41.276	ng	#	98
89) Benzo(k)fluoranthene	15.227	252	465555	42.463	ng	#	98
90) Benzo(a)pyrene	15.580	252	380773	41.781	ng		99
91) Dibenzo(a,h)anthracene	17.221	278	389660	42.267	ng		94
92) Benzo(g,h,i)perylene	17.680	276	381796	40.779	ng	#	96

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

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