Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
Data File : BF125647.D
Acq On : 25 Sep 2021 10:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 27 01:20:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	207627	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	788104	20.000	ng	#	0.00
39) Acenaphthene-d10	9.927	164	420778	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	706781	20.000	ng		0.00
76) Chrysene-d12	14.045	240	382843	20.000	ng		0.00
86) Perylene-d12	15.521	264	368502	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	967744	76.793	ng		0.00
7) Phenol-d6	6.516	99	1252857	73.948	ng		0.00
23) Nitrobenzene-d5	7.451	82	1024953	90.712	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	339374	86.504	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1922776	81.567	ng		0.00
79) Terphenyl-d14	12.992	244	1787126	80.839	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	201556	37.581	ng	#	100
3) Pyridine	3.440	79	532555	37.542	ng	#	71
4) n-Nitrosodimethylamine	3.393	42	198019	37.621	ng	#	1
6) Aniline	6.557	93	710600	36.325	ng		94
8) 2-Chlorophenol	6.675	128	548904	38.399	ng		98
9) Benzaldehyde	6.439	77	308437	39.875	ng		95
10) Phenol	6.528	94	640037	37.372	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	472306	35.487	ng		94
12) 1,3-Dichlorobenzene	6.834	146	583627	36.975	ng		96
13) 1,4-Dichlorobenzene	6.910	146	588192	36.627	ng		98
14) 1,2-Dichlorobenzene	7.063	146	549980	36.298	ng		100
15) Benzyl Alcohol	7.028	79	435311	37.041	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	582291	34.371	ng		88
17) 2-Methylphenol	7.133	107	428203	36.529	ng		98
18) Hexachloroethane	7.404	117	199219	38.218	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	334143	34.639	ng	#	69
20) 3+4-Methylphenols	7.286	107	537730	36.488	ng	#	83
22) Acetophenone	7.298	105	670542	37.496	ng	#	91
24) Nitrobenzene	7.469	77	524639	45.647	ng		95
25) Isophorone	7.710	82	934249	36.920	ng		94
26) 2-Nitrophenol	7.786	139	278320	46.377	ng		93
27) 2,4-Dimethylphenol	7.822	122	446412	39.668	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	532714	37.324	ng		98
29) 2,4-Dichlorophenol	8.022	162	457140	40.893	ng		96
30) 1,2,4-Trichlorobenzene	8.116	180	466268	38.315	ng		97
31) Naphthalene	8.198	128	1542836	38.127	ng		98
32) Benzoic acid	7.933	122	357587	44.193	ng		95
33) 4-Chloroaniline	8.239	127	639379	37.668	ng		99
34) Hexachlorobutadiene	8.316	225	254220	37.887	ng		98
35) Caprolactam	8.610	113	142565	39.080	ng	#	82
36) 4-Chloro-3-methylphenol	8.716	107	455992	38.927	ng		99
37) 2-Methylnaphthalene	8.886	142	1020712	37.191	ng		98
38) 1-Methylnaphthalene	8.986	142	969531	37.380	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	417664	38.166	ng		98
41) Hexachlorocyclopentadiene	9.039	237	197923	42.746	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	319364	41.615	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	347723	41.968	ng	#	90
46) 1,1'-Biphenyl	9.351	154	1170392	37.722	ng		98
47) 2-Chloronaphthalene	9.375	162	975304	37.967	ng		97
48) 2-Nitroaniline	9.463	65	263582	43.892	ng		95
49) Acenaphthylene	9.792	152	1480829	38.294	ng		98
50) Dimethylphthalate	9.645	163	1064648	37.558	ng		97
51) 2,6-Dinitrotoluene	9.704	165	254567	44.415	ng		96
52) Acenaphthene	9.963	154	935540	38.586	ng		98
53) 3-Nitroaniline	9.874	138	280477	42.912	ng		89
54) 2,4-Dinitrophenol	9.974	184	110382	50.159	ng		89
55) Dibenzofuran	10.133	168	1356471	37.290	ng		96
56) 4-Nitrophenol	10.022	139	238619	45.698	ng		88
57) 2,4-Dinitrotoluene	10.110	165	328634	45.865	ng	#	78
58) Fluorene	10.474	166	1016570	35.904	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	274839	43.100	ng	#	89
60) Diethylphthalate	10.345	149	1018159	37.256	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	450923	35.829	ng		88
62) 4-Nitroaniline	10.486	138	272156	42.371	ng	#	77
63) Azobenzene	10.627	77	963331	36.508	ng		84
65) 4,6-Dinitro-2-methylph...	10.516	198	162732	47.435	ng	#	75
66) n-Nitrosodiphenylamine	10.586	169	926561	38.188	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	285436	38.482	ng		97
68) Hexachlorobenzene	11.021	284	337224	38.737	ng	#	88
69) Atrazine	11.110	200	256326	39.843	ng		92
70) Pentachlorophenol	11.210	266	210686	45.791	ng		96
71) Phenanthrene	11.439	178	1494582	37.710	ng		98
72) Anthracene	11.486	178	1510883	38.579	ng		98
73) Carbazole	11.639	167	1465604	38.025	ng		99
74) Di-n-butylphthalate	11.968	149	1460508	37.586	ng		99
75) Fluoranthene	12.621	202	1448418	34.194	ng		98
77) Benzidine	12.739	184	336861	33.494	ng		97
78) Pyrene	12.851	202	1453470	42.009	ng		97
80) Butylbenzylphthalate	13.468	149	459950	40.144	ng		96
81) Benzo(a)anthracene	14.033	228	982836	37.793	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	286514	38.183	ng		98
83) Chrysene	14.074	228	998793	38.271	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	471378	35.939	ng		99
85) Di-n-octyl phthalate	14.639	149	740717	38.504	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.003	276	1057893	42.292	ng		97
88) Benzo(b)fluoranthene	15.086	252	976913	37.838	ng		98
89) Benzo(k)fluoranthene	15.121	252	887861	35.893	ng		99
90) Benzo(a)pyrene	15.456	252	868644	37.797	ng		97
91) Dibenzo(a,h)anthracene	17.027	278	892724	42.699	ng		96
92) Benzo(g,h,i)perylene	17.456	276	916067	42.902	ng		92

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

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