Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
Data File : BF125668.D
Acq On : 27 Sep 2021 13:05
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 27 13:48:43 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	211505	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	805354	20.000	ng		# 0.00
39) Acenaphthene-d10	9.927	164	422252	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	670631	20.000	ng		# 0.00
76) Chrysene-d12	14.045	240	346151	20.000	ng		0.00
86) Perylene-d12	15.521	264	371355	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	991227	77.214	ng		0.00
7) Phenol-d6	6.516	99	1285487	74.483	ng		0.00
23) Nitrobenzene-d5	7.457	82	1061165	91.906	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	344819	87.585	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2040300	87.162	ng		0.00
79) Terphenyl-d14	12.998	244	1710337	85.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	207893	38.052	ng	#	100
3) Pyridine	3.434	79	539870	37.360	ng	#	72
4) n-Nitrosodimethylamine	3.387	42	199004	37.114	ng	#	3
6) Aniline	6.557	93	699390	35.096	ng		94
8) 2-Chlorophenol	6.675	128	579051	39.765	ng		98
9) Benzaldehyde	6.439	77	312525	39.602	ng		93
10) Phenol	6.528	94	650012	37.258	ng		91
11) bis(2-Chloroethyl)ether	6.628	93	507831	37.457	ng		94
12) 1,3-Dichlorobenzene	6.833	146	612581	38.098	ng		97
13) 1,4-Dichlorobenzene	6.910	146	613734	37.516	ng		98
14) 1,2-Dichlorobenzene	7.063	146	579350	37.535	ng		98
15) Benzyl Alcohol	7.028	79	452723	37.817	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	635014	36.796	ng		87
17) 2-Methylphenol	7.139	107	446368	37.381	ng		97
18) Hexachloroethane	7.404	117	214529	40.401	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	354025	36.027	ng	#	68
20) 3+4-Methylphenols	7.292	107	553333	36.858	ng		96
22) Acetophenone	7.298	105	698762	38.237	ng	#	91
24) Nitrobenzene	7.475	77	548118	46.668	ng		97
25) Isophorone	7.710	82	989210	38.255	ng		94
26) 2-Nitrophenol	7.786	139	284873	46.443	ng		91
27) 2,4-Dimethylphenol	7.822	122	442748	38.500	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	579282	39.717	ng		98
29) 2,4-Dichlorophenol	8.028	162	482265	42.216	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	500536	40.250	ng		96
31) Naphthalene	8.198	128	1605251	38.820	ng		99
32) Benzoic acid	7.933	122	342612	41.974	ng		98
33) 4-Chloroaniline	8.239	127	628263	36.221	ng		99
34) Hexachlorobutadiene	8.316	225	283148	41.294	ng		99
35) Caprolactam	8.610	113	136971	36.742	ng	#	81
36) 4-Chloro-3-methylphenol	8.716	107	467572	39.060	ng		100
37) 2-Methylnaphthalene	8.886	142	1081973	38.579	ng		98
38) 1-Methylnaphthalene	8.986	142	1031643	38.923	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	454833	41.417	ng		98
41) Hexachlorocyclopentadiene	9.039	237	215305	46.338	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	341566	44.353	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	364680	43.860	ng		92
46) 1,1'-Biphenyl	9.351	154	1244860	39.982	ng		98
47) 2-Chloronaphthalene	9.374	162	1033242	40.082	ng		98
48) 2-Nitroaniline	9.463	65	256657	42.713	ng		97
49) Acenaphthylene	9.792	152	1516721	39.085	ng		98
50) Dimethylphthalate	9.651	163	1115650	39.220	ng		99
51) 2,6-Dinitrotoluene	9.710	165	258067	44.826	ng	#	84
52) Acenaphthene	9.963	154	959411	39.432	ng		98
53) 3-Nitroaniline	9.874	138	268166	41.034	ng		90
54) 2,4-Dinitrophenol	9.974	184	102654	47.507	ng		91
55) Dibenzofuran	10.133	168	1415359	38.773	ng		96
56) 4-Nitrophenol	10.022	139	219363	41.864	ng		87
57) 2,4-Dinitrotoluene	10.110	165	314935	44.016	ng	#	81
58) Fluorene	10.474	166	1025472	36.092	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	280513	43.836	ng	#	88
60) Diethylphthalate	10.345	149	1064251	38.807	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	475691	37.665	ng		89
62) 4-Nitroaniline	10.486	138	247323	38.550	ng	#	77
63) Azobenzene	10.627	77	1000263	37.775	ng		85
65) 4,6-Dinitro-2-methylph...	10.516	198	150005	46.339	ng	#	77
66) n-Nitrosodiphenylamine	10.586	169	940538	40.854	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	300625	42.714	ng		98
68) Hexachlorobenzene	11.021	284	350815	42.470	ng	#	88
69) Atrazine	11.110	200	259442	42.502	ng		92
70) Pentachlorophenol	11.216	266	201946	46.257	ng		92
71) Phenanthrene	11.439	178	1459294	38.804	ng		98
72) Anthracene	11.492	178	1473501	39.652	ng		98
73) Carbazole	11.639	167	1362987	37.269	ng		99
74) Di-n-butylphthalate	11.968	149	1448643	39.291	ng		99
75) Fluoranthene	12.621	202	1352171	33.643	ng		97
77) Benzidine	12.739	184	162651	17.887	ng		99
78) Pyrene	12.851	202	1334673	42.665	ng		97
80) Butylbenzylphthalate	13.468	149	447219	43.171	ng		99
81) Benzo(a)anthracene	14.039	228	920685	39.156	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	255316	37.632	ng		98
83) Chrysene	14.074	228	919722	38.977	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	521599	43.983	ng		100
85) Di-n-octyl phthalate	14.639	149	888121	51.060	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.009	276	1129871	44.822	ng		96
88) Benzo(b)fluoranthene	15.092	252	963411	37.029	ng		98
89) Benzo(k)fluoranthene	15.121	252	924854	37.102	ng		98
90) Benzo(a)pyrene	15.462	252	902883	38.985	ng		96
91) Dibenzo(a,h)anthracene	17.033	278	954829	45.318	ng		96
92) Benzo(g,h,i)perylene	17.462	276	980560	45.569	ng		91

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

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