Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125005.D
Acq On : 9 Aug 2021 16:56
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 09 17:36:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	7999	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	28153	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	15517	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	28145	20.000	ng		0.00
76) Chrysene-d12	13.986	240	18093	20.000	ng	#	0.00
86) Perylene-d12	15.433	264	13711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	37281	76.348	ng		0.00
7) Phenol-d6	6.457	99	48355	78.534	ng		0.00
23) Nitrobenzene-d5	7.386	82	44362	82.432	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	11918	85.971	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	89097	84.018	ng		0.00
79) Terphenyl-d14	12.927	244	93728	87.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	7083	38.772	ng	#	100
3) Pyridine	3.322	79	17165	40.436	ng	#	94
4) n-Nitrosodimethylamine	3.281	42	11208	37.181	ng	#	83
6) Aniline	6.486	93	24952	38.364	ng		95
8) 2-Chlorophenol	6.610	128	20684	38.616	ng		92
9) Benzaldehyde	6.375	77	12052	35.978	ng		91
10) Phenol	6.469	94	24342	38.315	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	18727	39.293	ng		98
12) 1,3-Dichlorobenzene	6.763	146	23261	39.899	ng		97
13) 1,4-Dichlorobenzene	6.839	146	22595	38.770	ng		94
14) 1,2-Dichlorobenzene	6.992	146	20946	38.350	ng		94
15) Benzyl Alcohol	6.963	79	17430	39.245	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	30824	40.368	ng		92
17) 2-Methylphenol	7.075	107	15753	39.290	ng		96
18) Hexachloroethane	7.333	117	9123	39.982	ng		90
19) n-Nitroso-di-n-propyla...	7.239	70	14074	38.523	ng		93
20) 3+4-Methylphenols	7.233	107	20993	39.442	ng	#	74
22) Acetophenone	7.233	105	27434	39.789	ng	#	91
24) Nitrobenzene	7.410	77	21070	40.461	ng		98
25) Isophorone	7.645	82	38456	41.867	ng	#	91
26) 2-Nitrophenol	7.722	139	11396	43.095	ng	#	85
27) 2,4-Dimethylphenol	7.757	122	15435	41.175	ng		87
28) bis(2-Chloroethoxy)met...	7.857	93	22291	42.640	ng		98
29) 2,4-Dichlorophenol	7.963	162	17417	41.703	ng		96
30) 1,2,4-Trichlorobenzene	8.045	180	18950	40.488	ng		97
31) Naphthalene	8.128	128	59213	40.937	ng		99
32) Benzoic acid	7.892	122	9072	41.944	ng		95
33) 4-Chloroaniline	8.175	127	22324	41.415	ng	#	92
34) Hexachlorobutadiene	8.239	225	11511	41.184	ng		93
35) Caprolactam	8.557	113	4564	41.152	ng		90
36) 4-Chloro-3-methylphenol	8.657	107	18153	41.552	ng		89
37) 2-Methylnaphthalene	8.816	142	39240	40.349	ng		97
38) 1-Methylnaphthalene	8.916	142	37816	41.557	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	18505	41.548	ng		96
41) Hexachlorocyclopentadiene	8.969	237	5186	33.927	ng		92
43) 2,4,6-Trichlorophenol	9.098	196	12793	43.147	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	13009	43.344	ng		93
46) 1,1'-Biphenyl	9.280	154	46795	40.469	ng		98
47) 2-Chloronaphthalene	9.304	162	37596	40.867	ng		96
48) 2-Nitroaniline	9.404	65	11116	41.134	ng		89
49) Acenaphthylene	9.722	152	57812	41.371	ng		98
50) Dimethylphthalate	9.586	163	43423	41.295	ng		98
51) 2,6-Dinitrotoluene	9.645	165	10542	45.023	ng		92
52) Acenaphthene	9.892	154	34467	40.686	ng		98
53) 3-Nitroaniline	9.822	138	9965	40.406	ng		93
54) 2,4-Dinitrophenol	9.927	184	4494	40.709	ng	#	83
55) Dibenzofuran	10.069	168	54938	41.495	ng		93
56) 4-Nitrophenol	9.980	139	6546	40.266	ng		91
57) 2,4-Dinitrotoluene	10.051	165	13794	43.391	ng	#	99
58) Fluorene	10.410	166	42773	42.134	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	9965	44.252	ng	#	93
60) Diethylphthalate	10.280	149	45913	42.548	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	20323	42.392	ng		99
62) 4-Nitroaniline	10.433	138	9491	39.638	ng		89
63) Azobenzene	10.563	77	45091	42.730	ng		92
65) 4,6-Dinitro-2-methylph...	10.463	198	7072	40.109	ng		88
66) n-Nitrosodiphenylamine	10.521	169	36975	40.533	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	12874	41.762	ng		91
68) Hexachlorobenzene	10.957	284	13340	39.776	ng	#	87
69) Atrazine	11.045	200	10870	39.655	ng		91
70) Pentachlorophenol	11.151	266	6093	40.301	ng	#	88
71) Phenanthrene	11.368	178	61048	39.986	ng		99
72) Anthracene	11.421	178	61554	40.189	ng		98
73) Carbazole	11.580	167	54977	39.142	ng		98
74) Di-n-butylphthalate	11.904	149	73601	41.231	ng		100
75) Fluoranthene	12.557	202	61789	39.121	ng		98
77) Benzidine	12.680	184	20787	42.938	ng		98
78) Pyrene	12.786	202	61652	43.261	ng		97
80) Butylbenzylphthalate	13.398	149	28498	44.934	ng		95
81) Benzo(a)anthracene	13.974	228	49101	41.644	ng		97
82) 3,3'-Dichlorobenzidine	13.933	252	12710	40.888	ng		99
83) Chrysene	14.009	228	47020	41.252	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	40538	46.077	ng		99
85) Di-n-octyl phthalate	14.568	149	62908	45.323	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	34733	42.539	ng		93
88) Benzo(b)fluoranthene	15.015	252	40449	42.015	ng	#	97
89) Benzo(k)fluoranthene	15.045	252	38335	43.773	ng		98
90) Benzo(a)pyrene	15.374	252	34438	42.008	ng		99
91) Dibenzo(a,h)anthracene	16.903	278	29637	41.283	ng		99
92) Benzo(g,h,i)perylene	17.327	276	28431	41.286	ng	#	93

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

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