Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124129.D
Acq On : 4 Jun 2021 9:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 04 10:54:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 04 09:56:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	44593	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	167655	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	101649	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	185648	20.00	ng		0.00
76) Chrysene-d12	14.033	240	124028	20.00	ng		# 0.00
86) Perylene-d12	15.510	264	87076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	227423	76.77	ng		0.00
7) Phenol-d6	6.510	99	303517	76.23	ng		0.00
23) Nitrobenzene-d5	7.434	82	312091	73.83	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	104638	72.66	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	594204	73.56	ng		0.00
79) Terphenyl-d14	12.980	244	680067	75.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	47890	36.94	ng		97
3) Pyridine	3.393	79	131169	39.51	ng	#	81
4) n-Nitrosodimethylamine	3.352	42	76987	39.02	ng		98
6) Aniline	6.534	93	172535	37.94	ng		93
8) 2-Chlorophenol	6.657	128	125025	37.93	ng		94
9) Benzaldehyde	6.416	77	65113	36.79	ng		96
10) Phenol	6.522	94	165976	38.57	ng	#	73
11) bis(2-Chloroethyl)ether	6.604	93	120855	38.53	ng		92
12) 1,3-Dichlorobenzene	6.810	146	149512	38.80	ng		93
13) 1,4-Dichlorobenzene	6.887	146	149608	38.71	ng		93
14) 1,2-Dichlorobenzene	7.040	146	141814	38.35	ng		99
15) Benzyl Alcohol	7.010	79	133987	37.33	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	7.140	45	185420	37.89	ng		86
17) 2-Methylphenol	7.122	107	103454	38.61	ng	#	88
18) Hexachloroethane	7.381	117	57133	37.53	ng	#	88
19) n-Nitroso-di-n-propyla...	7.281	70	109952	39.12	ng		92
20) 3+4-Methylphenols	7.281	107	138645	39.05	ng	#	82
22) Acetophenone	7.281	105	180255	37.71	ng	#	95
24) Nitrobenzene	7.451	77	157874	37.23	ng		94
25) Isophorone	7.692	82	285226	37.44	ng	#	94
26) 2-Nitrophenol	7.763	139	71982	38.00	ng		99
27) 2,4-Dimethylphenol	7.804	122	98696	36.95	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	140134	37.11	ng		97
29) 2,4-Dichlorophenol	8.010	162	120023	38.83	ng		92
30) 1,2,4-Trichlorobenzene	8.092	180	126581	36.54	ng		98
31) Naphthalene	8.175	128	367799	36.69	ng		99
32) Benzoic acid	7.939	122	51524	31.43	ng		88
33) 4-Chloroaniline	8.222	127	142507	38.22	ng		95
34) Hexachlorobutadiene	8.287	225	89886	36.74	ng		99
35) Caprolactam	8.598	113	31658	37.28	ng	#	77
36) 4-Chloro-3-methylphenol	8.704	107	124505	36.82	ng		92
37) 2-Methylnaphthalene	8.863	142	261262	37.17	ng		98
38) 1-Methylnaphthalene	8.963	142	243019	37.00	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	130219	36.16	ng		98
41) Hexachlorocyclopentadiene	9.016	237	61107	35.97	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	87336	37.18	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	90817	36.02	ng	#	88
46) 1,1'-Biphenyl	9.328	154	310900	36.23	ng		99
47) 2-Chloronaphthalene	9.351	162	249991	35.79	ng		96
48) 2-Nitroaniline	9.445	65	95279	37.80	ng		95
49) Acenaphthylene	9.769	152	371121	36.56	ng		96
50) Dimethylphthalate	9.628	163	296990	35.31	ng		100
51) 2,6-Dinitrotoluene	9.692	165	67964	35.25	ng	#	83
52) Acenaphthene	9.939	154	238115	35.91	ng		96
53) 3-Nitroaniline	9.863	138	62310	34.53	ng		100
54) 2,4-Dinitrophenol	9.963	184	34032	36.52	ng		96
55) Dibenzofuran	10.116	168	375399	36.17	ng		99
56) 4-Nitrophenol	10.022	139	44671	34.63	ng	#	77
57) 2,4-Dinitrotoluene	10.098	165	92499	36.37	ng	#	83
58) Fluorene	10.457	166	294525	36.97	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.233	232	76826	37.60	ng		98
60) Diethylphthalate	10.328	149	309588	36.48	ng		96
61) 4-Chlorophenyl-phenyle...	10.445	204	150737	37.01	ng		97
62) 4-Nitroaniline	10.480	138	64551	35.57	ng	#	84
63) Azobenzene	10.604	77	313202	35.40	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	54637	36.62	ng		79
66) n-Nitrosodiphenylamine	10.563	169	255265	36.19	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	92335	36.24	ng		92
68) Hexachlorobenzene	11.004	284	103419	35.83	ng		96
69) Atrazine	11.092	200	79626	39.88	ng		94
70) Pentachlorophenol	11.198	266	49143	35.09	ng		97
71) Phenanthrene	11.416	178	426647	36.79	ng		98
72) Anthracene	11.469	178	422543	36.18	ng		98
73) Carbazole	11.622	167	363739	35.74	ng	#	96
74) Di-n-butylphthalate	11.951	149	473311	36.19	ng		99
75) Fluoranthene	12.604	202	439714	36.12	ng		98
77) Benzidine	12.722	184	126966	44.27	ng	#	96
78) Pyrene	12.833	202	445226	37.38	ng		98
80) Butylbenzylphthalate	13.451	149	189712	39.27	ng		93
81) Benzo(a)anthracene	14.021	228	345092	38.19	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	107637	40.61	ng		96
83) Chrysene	14.063	228	328329	37.66	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	236968	41.23	ng		95
85) Di-n-octyl phthalate	14.621	149	311705	40.64	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.004	276	250181	35.74	ng		98
88) Benzo(b)fluoranthene	15.080	252	259134	38.31	ng		97
89) Benzo(k)fluoranthene	15.110	252	244976	38.26	ng		95
90) Benzo(a)pyrene	15.445	252	222394	37.85	ng		95
91) Dibenzo(a,h)anthracene	17.015	278	214712	35.87	ng		97
92) Benzo(g,h,i)perylene	17.451	276	211353	35.69	ng		96

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

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