Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125052.D
Acq On : 11 Aug 2021 10:02
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 11 11:09:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	7801	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	25490	20.000	ng	#	0.00
39) Acenaphthene-d10	9.851	164	15015	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	27974	20.000	ng		0.00
76) Chrysene-d12	13.974	240	17205	20.000	ng		0.00
86) Perylene-d12	15.421	264	13701	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	34895	73.275	ng		0.00
7) Phenol-d6	6.457	99	43351	72.194	ng		0.00
23) Nitrobenzene-d5	7.381	82	42619	87.466	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	11561	86.184	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	79416	77.392	ng		0.00
79) Terphenyl-d14	12.921	244	89228	87.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	6854	38.471	ng	#	100
3) Pyridine	3.299	79	15844	38.272	ng		92
4) n-Nitrosodimethylamine	3.251	42	12170	41.397	ng	#	96
6) Aniline	6.481	93	25086	39.549	ng		96
8) 2-Chlorophenol	6.604	128	20335	38.928	ng		90
9) Benzaldehyde	6.369	77	11076	33.903	ng		93
10) Phenol	6.469	94	24704	39.872	ng		89
11) bis(2-Chloroethyl)ether	6.551	93	19170	41.243	ng		90
12) 1,3-Dichlorobenzene	6.757	146	22191	39.030	ng		97
13) 1,4-Dichlorobenzene	6.834	146	22591	39.747	ng		99
14) 1,2-Dichlorobenzene	6.987	146	19552	36.706	ng		96
15) Benzyl Alcohol	6.963	79	16120	37.216	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.087	45	27244	36.585	ng		88
17) 2-Methylphenol	7.075	107	14452	36.960	ng		94
18) Hexachloroethane	7.322	117	8231	36.989	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	13395	37.595	ng		85
20) 3+4-Methylphenols	7.228	107	18642	35.914	ng	#	74
22) Acetophenone	7.228	105	26293	42.118	ng	#	87
24) Nitrobenzene	7.404	77	20186	42.813	ng		98
25) Isophorone	7.639	82	37778	45.426	ng		93
26) 2-Nitrophenol	7.716	139	11661	48.704	ng	#	87
27) 2,4-Dimethylphenol	7.751	122	15832	46.647	ng		90
28) bis(2-Chloroethoxy)met...	7.845	93	21790	46.037	ng		99
29) 2,4-Dichlorophenol	7.957	162	16373	43.299	ng		91
30) 1,2,4-Trichlorobenzene	8.039	180	18014	42.509	ng		97
31) Naphthalene	8.122	128	53818	41.094	ng		98
32) Benzoic acid	7.886	122	9228	46.204	ng		97
33) 4-Chloroaniline	8.169	127	19489	39.933	ng	#	93
34) Hexachlorobutadiene	8.234	225	10924	43.167	ng		97
35) Caprolactam	8.551	113	4585	45.661	ng		92
36) 4-Chloro-3-methylphenol	8.657	107	17523	44.300	ng		98
37) 2-Methylnaphthalene	8.810	142	35146	39.915	ng		99
38) 1-Methylnaphthalene	8.910	142	34358	41.701	ng		97
40) 1,2,4,5-Tetrachloroben...	8.975	216	17336	40.225	ng		99
41) Hexachlorocyclopentadiene	8.963	237	5471	36.501	ng		95
43) 2,4,6-Trichlorophenol	9.092	196	11282	39.323	ng		96

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44) 2,4,5-Trichlorophenol	9.133	196	11988	41.277	ng		95
46) 1,1'-Biphenyl	9.275	154	42128	37.651	ng		99
47) 2-Chloronaphthalene	9.298	162	34124	38.333	ng		97
48) 2-Nitroaniline	9.398	65	11442	43.756	ng		95
49) Acenaphthylene	9.716	152	52194	38.600	ng		100
50) Dimethylphthalate	9.575	163	40887	40.184	ng	#	96
51) 2,6-Dinitrotoluene	9.639	165	9168	40.464	ng	#	82
52) Acenaphthene	9.886	154	30923	37.723	ng		96
53) 3-Nitroaniline	9.816	138	9561	40.064	ng	#	94
54) 2,4-Dinitrophenol	9.922	184	4563	42.448	ng		89
55) Dibenzofuran	10.057	168	55746	43.513	ng		98
56) 4-Nitrophenol	9.975	139	6651	42.280	ng	#	88
57) 2,4-Dinitrotoluene	10.045	165	13734	44.647	ng		94
58) Fluorene	10.398	166	43025	43.799	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	10153	46.594	ng	#	92
60) Diethylphthalate	10.275	149	45018	43.113	ng		97
61) 4-Chlorophenyl-phenyle...	10.392	204	20768	44.769	ng		93
62) 4-Nitroaniline	10.427	138	9410	40.614	ng		90
63) Azobenzene	10.551	77	44239	43.324	ng		93
65) 4,6-Dinitro-2-methylph...	10.457	198	7173	40.930	ng		88
66) n-Nitrosodiphenylamine	10.510	169	37093	40.911	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	12626	41.208	ng	#	89
68) Hexachlorobenzene	10.945	284	13456	40.367	ng		95
69) Atrazine	11.039	200	11003	40.386	ng		97
70) Pentachlorophenol	11.145	266	5446	36.604	ng		92
71) Phenanthrene	11.363	178	60530	39.889	ng		98
72) Anthracene	11.416	178	60211	39.552	ng		97
73) Carbazole	11.574	167	53888	38.601	ng		97
74) Di-n-butylphthalate	11.892	149	70328	39.639	ng		98
75) Fluoranthene	12.551	202	58588	37.321	ng		97
77) Benzidine	12.669	184	17903	38.890	ng		97
78) Pyrene	12.780	202	59414	43.842	ng		98
80) Butylbenzylphthalate	13.392	149	24979	41.419	ng	#	94
81) Benzo(a)anthracene	13.963	228	45299	40.402	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	11260	38.093	ng		98
83) Chrysene	14.004	228	43637	40.260	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	34847	41.652	ng		99
85) Di-n-octyl phthalate	14.557	149	52466	39.751	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	36349	44.551	ng		94
88) Benzo(b)fluoranthene	15.004	252	36480	37.920	ng		98
89) Benzo(k)fluoranthene	15.033	252	36437	41.636	ng	#	94
90) Benzo(a)pyrene	15.368	252	32872	40.127	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	31337	43.683	ng		99
92) Benzo(g,h,i)perylene	17.321	276	31604	45.928	ng	#	90

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

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