Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125486.D
Acq On : 14 Sep 2021 21:45
Operator : JU/CG
Sample : M3684-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A018145MS

Quant Time: Sep 15 01:07:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	136543	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	536270	20.000	ng		# 0.00
39) Acenaphthene-d10	9.916	164	291757	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	524431	20.000	ng		0.00
76) Chrysene-d12	14.051	240	259702	20.000	ng		-0.01
86) Perylene-d12	15.539	264	279361	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	729355	80.850	ng		0.00
7) Phenol-d6	6.516	99	898373	77.000	ng		0.00
23) Nitrobenzene-d5	7.439	82	595387	55.894	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	164856	56.605	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1084869	51.824	ng		0.00
79) Terphenyl-d14	12.992	244	1145354	70.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	176808	39.719	ng	#	100
3) Pyridine	3.487	79	387257	32.955	ng	#	90
4) n-Nitrosodimethylamine	3.445	42	233447	39.700	ng	#	37
6) Aniline	6.539	93	375494	27.399	ng	#	87
8) 2-Chlorophenol	6.663	128	388846	42.253	ng		81
9) Benzaldehyde	6.428	77	259925	31.745	ng		95
10) Phenol	6.528	94	505564	41.378	ng		88
11) bis(2-Chloroethyl)ether	6.610	93	402348	41.813	ng		86
12) 1,3-Dichlorobenzene	6.816	146	435043	40.795	ng		98
13) 1,4-Dichlorobenzene	6.892	146	443291	41.718	ng		97
14) 1,2-Dichlorobenzene	7.045	146	420983	42.111	ng		99
15) Benzyl Alcohol	7.022	79	354885	39.506	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	721607	37.393	ng		91
17) 2-Methylphenol	7.133	107	334501	43.270	ng	#	93
18) Hexachloroethane	7.386	117	157525	42.335	ng	#	83
19) n-Nitroso-di-n-propyla...	7.286	70	276324	39.376	ng	#	77
20) 3+4-Methylphenols	7.286	107	386094	39.787	ng	#	55
22) Acetophenone	7.286	105	533829	38.679	ng	#	89
24) Nitrobenzene	7.457	77	457241	39.394	ng	#	87
25) Isophorone	7.698	82	789933	38.441	ng	#	89
26) 2-Nitrophenol	7.775	139	196493	42.396	ng	#	78
27) 2,4-Dimethylphenol	7.816	122	345277	42.555	ng		91
28) bis(2-Chloroethoxy)met...	7.904	93	494655	43.475	ng	#	96
29) 2,4-Dichlorophenol	8.022	162	324287	39.190	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	360641	39.968	ng		94
31) Naphthalene	8.180	128	1066620	38.837	ng		99
33) 4-Chloroaniline	8.227	127	171574	15.847	ng	#	90
34) Hexachlorobutadiene	8.292	225	237985	41.363	ng		100
35) Caprolactam	8.592	113	80972	37.780	ng	#	52
36) 4-Chloro-3-methylphenol	8.722	107	341321	40.405	ng		91
37) 2-Methylnaphthalene	8.874	142	746188	41.116	ng		99
38) 1-Methylnaphthalene	8.974	142	677355	39.968	ng		96
40) 1,2,4,5-Tetrachloroben...	9.039	216	380159	39.882	ng		97
41) Hexachlorocyclopentadiene	9.022	237	329770	65.848	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	196580	29.289	ng		96
44) 2,4,5-Trichlorophenol	9.204	196	195760	27.723	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	860412	36.580	ng		97
47) 2-Chloronaphthalene	9.363	162	715764	37.446	ng		98
48) 2-Nitroaniline	9.463	65	263681	44.502	ng	#	81
49) Acenaphthylene	9.780	152	1093405	39.255	ng		99
50) Dimethylphthalate	9.639	163	848111	41.947	ng	#	97
51) 2,6-Dinitrotoluene	9.704	165	188796	43.064	ng	#	81
52) Acenaphthene	9.951	154	630267	36.501	ng		98
53) 3-Nitroaniline	9.874	138	141136	29.852	ng	#	74
55) Dibenzofuran	10.127	168	942415	37.924	ng		95
56) 4-Nitrophenol	10.045	139	86976	23.231	ng	#	80
57) 2,4-Dinitrotoluene	10.110	165	246495	46.456	ng	#	98
58) Fluorene	10.469	166	751683	40.914	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	74786	14.272	ng	#	66
60) Diethylphthalate	10.339	149	817522	41.476	ng		97
61) 4-Chlorophenyl-phenyle...	10.457	204	384835	41.429	ng	#	87
62) 4-Nitroaniline	10.492	138	196972	46.331	ng	#	84
63) Azobenzene	10.616	77	822716	37.212	ng		91
66) n-Nitrosodiphenylamine	10.580	169	721766	38.437	ng		95
67) 4-Bromophenyl-phenylether	10.951	248	263570	41.853	ng	#	88
68) Hexachlorobenzene	11.016	284	282412	43.593	ng	#	86
69) Atrazine	11.104	200	232927	43.227	ng		92
71) Phenanthrene	11.433	178	1110000	38.413	ng		98
72) Anthracene	11.486	178	1149658	40.364	ng		99
73) Carbazole	11.639	167	1000723	38.449	ng		100
74) Di-n-butylphthalate	11.963	149	1231289	39.865	ng		99
75) Fluoranthene	12.621	202	1109299	38.689	ng		98
77) Benzidine	12.745	184	261939	28.880	ng		99
78) Pyrene	12.857	202	1103240	49.523	ng		97
80) Butylbenzylphthalate	13.462	149	410866	46.937	ng		88
81) Benzo(a)anthracene	14.045	228	749568	40.059	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	138623	23.899	ng	#	98
83) Chrysene	14.080	228	725751	39.219	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	495395	41.177	ng	#	100
85) Di-n-octyl phthalate	14.633	149	782735	39.117	ng		97
87) Indeno(1,2,3-cd)pyrene	17.050	276	945195	46.965	ng	#	89
88) Benzo(b)fluoranthene	15.104	252	805393	39.462	ng	#	95
89) Benzo(k)fluoranthene	15.133	252	691580	36.313	ng		99
90) Benzo(a)pyrene	15.480	252	774003	42.932	ng	#	96
91) Dibenzo(a,h)anthracene	17.062	278	791333	45.488	ng	#	94
92) Benzo(g,h,i)perylene	17.509	276	803110	47.878	ng	#	86

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

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