Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127644.D
Acq On : 06 Apr 2022 12:08
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Apr 06 13:15:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:12:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	139399	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	475961	20.000	ng		0.00
39) Acenaphthene-d10	10.016	164	267175	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	463018	20.000	ng		0.00
76) Chrysene-d12	14.157	240	293523	20.000	ng		0.00
86) Perylene-d12	15.680	264	244984	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	784351	89.814	ng		0.00
7) Phenol-d6	6.587	99	1023991	85.780	ng		0.00
23) Nitrobenzene-d5	7.534	82	1035447	92.993	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	264003	92.760	ng		0.00
45) 2-Fluorobiphenyl	9.334	172	1695310	92.656	ng		0.00
79) Terphenyl-d14	13.098	244	1687960	94.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	193909	50.555	ng		87
3) Pyridine	3.604	79	498340	46.032	ng		86
4) n-Nitrosodimethylamine	3.587	42	275076	46.278	ng		95
6) Aniline	6.634	93	632222	44.381	ng		97
8) 2-Chlorophenol	6.751	128	393983	44.147	ng		99
9) Benzaldehyde	6.522	77	272903	40.558	ng		98
10) Phenol	6.598	94	507237	39.017	ng		94
11) bis(2-Chloroethyl)ether	6.704	93	428123	45.006	ng		92
12) 1,3-Dichlorobenzene	6.910	146	456139	45.443	ng		99
13) 1,4-Dichlorobenzene	6.987	146	455709	45.134	ng		98
14) 1,2-Dichlorobenzene	7.140	146	422090	42.922	ng		97
15) Benzyl Alcohol	7.104	79	454945	52.440	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.240	45	676946	39.547	ng		98
17) 2-Methylphenol	7.204	107	352911	46.857	ng		96
18) Hexachloroethane	7.481	117	180258	48.766	ng		98
19) n-Nitroso-di-n-propyla...	7.387	70	333928	46.667	ng		96
20) 3+4-Methylphenols	7.363	107	437782	47.126	ng	#	67
22) Acetophenone	7.381	105	582013	47.837	ng	#	84
24) Nitrobenzene	7.551	77	503571	47.422	ng		96
25) Isophorone	7.792	82	879782	49.609	ng		99
26) 2-Nitrophenol	7.863	139	190504	42.775	ng		93
27) 2,4-Dimethylphenol	7.892	122	335830	50.130	ng		91
28) bis(2-Chloroethoxy)met...	7.998	93	529616	45.972	ng		99
29) 2,4-Dichlorophenol	8.098	162	367148	48.276	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	420482	47.447	ng		96
31) Naphthalene	8.275	128	1146841	45.384	ng		99
32) Benzoic acid	8.016	122	269306	80.945	ng		96
33) 4-Chloroaniline	8.322	127	449325	45.887	ng		98
34) Hexachlorobutadiene	8.387	225	289738	51.485	ng		99
35) Caprolactam	8.704	113	109652	46.768	ng	#	79
36) 4-Chloro-3-methylphenol	8.792	107	384009	46.538	ng		96
37) 2-Methylnaphthalene	8.969	142	769304	47.346	ng		99
38) 1-Methylnaphthalene	9.069	142	732905	45.616	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	403902	47.546	ng		98
41) Hexachlorocyclopentadiene	9.116	237	259066	132.245	ng		97
43) 2,4,6-Trichlorophenol	9.239	196	277034	53.950	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	273820	51.802	ng		97
46) 1,1'-Biphenyl	9.434	154	926298	45.905	ng		99
47) 2-Chloronaphthalene	9.457	162	739659	46.548	ng		97
48) 2-Nitroaniline	9.551	65	256659	42.144	ng		100
49) Acenaphthylene	9.881	152	1135027	47.249	ng		99
50) Dimethylphthalate	9.733	163	891742	47.977	ng		98
51) 2,6-Dinitrotoluene	9.798	165	175989	45.107	ng		93
52) Acenaphthene	10.051	154	711655	50.774	ng		99
53) 3-Nitroaniline	9.969	138	184118	43.020	ng		98
54) 2,4-Dinitrophenol	10.063	184	81924	53.612	ng	#	78
55) Dibenzofuran	10.222	168	1022178	44.743	ng		94
56) 4-Nitrophenol	10.110	139	143757	65.995	ng		88
57) 2,4-Dinitrotoluene	10.198	165	224367	44.677	ng		94
58) Fluorene	10.569	166	746995	41.337	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	242492	51.887	ng		94
60) Diethylphthalate	10.433	149	851464	50.155	ng		98
61) 4-Chlorophenyl-phenyle...	10.557	204	421248	43.851	ng		97
62) 4-Nitroaniline	10.586	138	173951	43.392	ng		88
63) Azobenzene	10.716	77	960887	47.969	ng		96
65) 4,6-Dinitro-2-methylph...	10.604	198	114132	40.059	ng		88
66) n-Nitrosodiphenylamine	10.675	169	672768	47.733	ng		98
67) 4-Bromophenyl-phenylether	11.051	248	258231	47.769	ng		97
68) Hexachlorobenzene	11.110	284	284392	48.196	ng		94
69) Atrazine	11.198	200	214647	45.745	ng		95
70) Pentachlorophenol	11.298	266	176358	93.061	ng		98
71) Phenanthrene	11.533	178	1108853	45.936	ng		99
72) Anthracene	11.586	178	1099777	45.911	ng		98
73) Carbazole	11.739	167	1024022	44.700	ng		99
74) Di-n-butylphthalate	12.063	149	1257722	53.040	ng	#	98
75) Fluoranthene	12.727	202	1199298	45.171	ng		99
77) Benzidine	12.839	184	307533	43.941	ng		99
78) Pyrene	12.957	202	1191413	47.296	ng		99
80) Butylbenzylphthalate	13.569	149	466969	56.323	ng		99
81) Benzo(a)anthracene	14.145	228	914972	46.613	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	289238	50.136	ng		99
83) Chrysene	14.186	228	880800	47.386	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	636622	66.426	ng		97
85) Di-n-octyl phthalate	14.751	149	949272	74.432	ng		97
87) Indeno(1,2,3-cd)pyrene	17.251	276	780038	47.055	ng		99
88) Benzo(b)fluoranthene	15.227	252	732104	47.395	ng		99
89) Benzo(k)fluoranthene	15.263	252	744556	46.496	ng		98
90) Benzo(a)pyrene	15.615	252	614509	48.475	ng		98
91) Dibenzo(a,h)anthracene	17.274	278	639582	46.732	ng		98
92) Benzo(g,h,i)perylene	17.727	276	651963	46.087	ng		99

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

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