Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
Data File : BF128617.D
Acq On : 01 Jun 2022 11:20
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 02 04:33:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	130957	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	489601	20.000	ng	#	0.00
39) Acenaphthene-d10	9.875	164	275169	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	509868	20.000	ng		0.00
76) Chrysene-d12	14.004	240	338642	20.000	ng		0.00
86) Perylene-d12	15.468	264	254392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	612725	77.500	ng		0.04
7) Phenol-d6	6.516	99	754939	74.891	ng		0.05
23) Nitrobenzene-d5	7.404	82	779434	91.838	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	250557	95.664	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1460199	86.213	ng		0.00
79) Terphenyl-d14	12.951	244	1617409	92.274	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	124026	35.181	ng	#	94
3) Pyridine	3.357	79	325982	35.716	ng	#	89
4) n-Nitrosodimethylamine	3.322	42	210249	43.959	ng	#	78
6) Aniline	6.504	93	418954	35.616	ng		92
8) 2-Chlorophenol	6.645	128	318880	38.898	ng		98
9) Benzaldehyde	6.387	77	180086	40.570	ng		95
10) Phenol	6.528	94	426642m	42.711	ng		
11) bis(2-Chloroethyl)ether	6.575	93	308585	37.738	ng		98
12) 1,3-Dichlorobenzene	6.775	146	371101	39.843	ng		97
13) 1,4-Dichlorobenzene	6.857	146	385033	40.870	ng		99
14) 1,2-Dichlorobenzene	7.010	146	349195	40.272	ng		98
15) Benzyl Alcohol	6.993	79	316315	41.142	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.110	45	548514	37.902	ng		96
17) 2-Methylphenol	7.134	107	269976	38.693	ng		92
18) Hexachloroethane	7.345	117	144413	43.456	ng		94
19) n-Nitroso-di-n-propyla...	7.257	70	257669	41.689	ng		96
20) 3+4-Methylphenols	7.281	107	365578	43.370	ng	#	79
22) Acetophenone	7.245	105	487014	43.140	ng	#	94
24) Nitrobenzene	7.422	77	373339	44.496	ng		95
25) Isophorone	7.663	82	614744	39.265	ng		97
26) 2-Nitrophenol	7.740	139	166071	47.357	ng	#	92
27) 2,4-Dimethylphenol	7.798	122	257021	36.873	ng		93
28) bis(2-Chloroethoxy)met...	7.869	93	394290	38.804	ng		98
29) 2,4-Dichlorophenol	8.004	162	292333	40.525	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	322575	41.283	ng		98
31) Naphthalene	8.145	128	969464	40.457	ng		99
32) Benzoic acid	7.940	122	152098m	30.868	ng		
33) 4-Chloroaniline	8.198	127	374438	39.244	ng		95
34) Hexachlorobutadiene	8.257	225	228631	46.342	ng		99
35) Caprolactam	8.575	113	83105	37.361	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	318972	43.043	ng		98
37) 2-Methylnaphthalene	8.834	142	620486	41.023	ng		99
38) 1-Methylnaphthalene	8.934	142	595770	40.498	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	326667	43.232	ng		99
41) Hexachlorocyclopentadiene	8.987	237	203929	48.011	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	227270	40.786	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	222845	38.814	ng		96
46) 1,1'-Biphenyl	9.298	154	795991	41.197	ng		99
47) 2-Chloronaphthalene	9.322	162	621838	40.998	ng		98
48) 2-Nitroaniline	9.428	65	212205	50.313	ng		96
49) Acenaphthylene	9.739	152	926102	39.745	ng		100
50) Dimethylphthalate	9.604	163	743108	41.633	ng		100
51) 2,6-Dinitrotoluene	9.663	165	147539	45.102	ng	#	76
52) Acenaphthene	9.910	154	602221m	41.890	ng		
53) 3-Nitroaniline	9.839	138	162226	42.941	ng		96
54) 2,4-Dinitrophenol	9.939	184	75791	48.604	ng		91
55) Dibenzofuran	10.081	168	858989	40.271	ng		91
56) 4-Nitrophenol	10.051	139	97794m	31.901	ng		
57) 2,4-Dinitrotoluene	10.063	165	196971	50.329	ng	#	85
58) Fluorene	10.428	166	660288	43.000	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	198575	42.679	ng		97
60) Diethylphthalate	10.298	149	753971	43.484	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	346912	44.528	ng		91
62) 4-Nitroaniline	10.457	138	169176	46.772	ng	#	81
63) Azobenzene	10.581	77	736134	41.703	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	119881	50.548	ng		94
66) n-Nitrosodiphenylamine	10.539	169	623781	40.864	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	229043	43.479	ng		97
68) Hexachlorobenzene	10.969	284	252099	43.336	ng		99
69) Atrazine	11.069	200	204160	43.093	ng		98
70) Pentachlorophenol	11.175	266	118326	33.378	ng		99
71) Phenanthrene	11.386	178	982453	40.676	ng		100
72) Anthracene	11.439	178	993258	41.170	ng		99
73) Carbazole	11.604	167	917245	39.671	ng		99
74) Di-n-butylphthalate	11.928	149	1149482	42.240	ng		100
75) Fluoranthene	12.575	202	1040465	40.293	ng		97
77) Benzidine	12.698	184	288143	36.889	ng		99
78) Pyrene	12.804	202	1058024	41.472	ng		99
80) Butylbenzylphthalate	13.427	149	449490	41.771	ng		98
81) Benzo(a)anthracene	13.992	228	835177	41.493	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	198870	38.585	ng		98
83) Chrysene	14.033	228	815124	39.544	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	607432	46.672	ng		100
85) Di-n-octyl phthalate	14.598	149	947995	41.379	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	546653	36.433	ng	#	91
88) Benzo(b)fluoranthene	15.045	252	652954	41.261	ng	#	97
89) Benzo(k)fluoranthene	15.074	252	630408	42.996	ng	#	97
90) Benzo(a)pyrene	15.410	252	527689	41.562	ng	#	97
91) Dibenzo(a,h)anthracene	16.951	278	454238	36.513	ng	#	94
92) Benzo(g,h,i)perylene	17.374	276	438694	35.552	ng	#	93

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

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