Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128358.D
Acq On : 20 May 2022 11:41
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 20 13:13:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 13:10:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	111440	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	420009	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	233880	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	426487	20.000	ng		0.00
76) Chrysene-d12	14.045	240	329713	20.000	ng		0.00
86) Perylene-d12	15.533	264	290043	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	326085	46.646	ng		0.00
7) Phenol-d6	6.492	99	413551	44.727	ng		0.00
23) Nitrobenzene-d5	7.428	82	396103	42.435	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	106068	39.543	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	637591	42.656	ng		0.00
79) Terphenyl-d14	12.980	244	713911	40.629	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	75248	24.197	ng		100
3) Pyridine	3.416	79	197863	23.983	ng		100
4) n-Nitrosodimethylamine	3.381	42	90899	22.103	ng		97
6) Aniline	6.522	93	239346	22.922	ng		98
8) 2-Chlorophenol	6.645	128	164559	23.112	ng		96
9) Benzaldehyde	6.416	77	121344	22.727	ng		100
10) Phenol	6.504	94	225834	23.161	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	162075	22.195	ng		98
12) 1,3-Dichlorobenzene	6.798	146	184323	23.000	ng		98
13) 1,4-Dichlorobenzene	6.875	146	184731	22.812	ng		98
14) 1,2-Dichlorobenzene	7.028	146	173742	22.768	ng		99
15) Benzyl Alcohol	7.004	79	151669	20.757	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	245355	22.658	ng		98
17) 2-Methylphenol	7.110	107	137612	22.781	ng		98
18) Hexachloroethane	7.363	117	67537	22.076	ng		94
19) n-Nitroso-di-n-propyla...	7.269	70	118599	20.829	ng		99
20) 3+4-Methylphenols	7.263	107	165622	22.144	ng	#	85
22) Acetophenone	7.269	105	220931	21.124	ng	#	90
24) Nitrobenzene	7.445	77	189632	22.012	ng		99
25) Isophorone	7.681	82	307409	21.007	ng		99
26) 2-Nitrophenol	7.757	139	83785	22.149	ng		98
27) 2,4-Dimethylphenol	7.792	122	121407	20.822	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	199631	21.581	ng		97
29) 2,4-Dichlorophenol	8.004	162	135395	22.088	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	152766	21.745	ng		99
31) Naphthalene	8.163	128	462159	22.280	ng		99
32) Benzoic acid	7.916	122	79454	18.222	ng		96
33) 4-Chloroaniline	8.216	127	181345	22.023	ng		98
34) Hexachlorobutadiene	8.275	225	96956	20.553	ng		97
35) Caprolactam	8.581	113	43073	21.526	ng		98
36) 4-Chloro-3-methylphenol	8.698	107	143660	20.975	ng		99
37) 2-Methylnaphthalene	8.857	142	300785	21.508	ng		99
38) 1-Methylnaphthalene	8.951	142	289269	21.536	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	149029	21.602	ng		98
41) Hexachlorocyclopentadiene	8.998	237	30126	11.056	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	95781	21.549	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	101685	21.456	ng		95
46) 1,1'-Biphenyl	9.316	154	378270	22.217	ng		98
47) 2-Chloronaphthalene	9.345	162	277766	22.011	ng		99
48) 2-Nitroaniline	9.445	65	98246	21.714	ng		95
49) Acenaphthylene	9.763	152	428981	22.474	ng		100
50) Dimethylphthalate	9.622	163	327596	21.706	ng		99
51) 2,6-Dinitrotoluene	9.686	165	72740	21.971	ng		95
52) Acenaphthene	9.933	154	264774	20.007	ng		99
53) 3-Nitroaniline	9.863	138	81296	22.650	ng		92
54) 2,4-Dinitrophenol	9.975	184	31456	17.174	ng	#	90
55) Dibenzofuran	10.104	168	409441	21.790	ng		100
56) 4-Nitrophenol	10.028	139	46721	18.629	ng		98
57) 2,4-Dinitrotoluene	10.098	165	94016	21.237	ng	#	84
58) Fluorene	10.451	166	317720	21.708	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	81528	20.130	ng		98
60) Diethylphthalate	10.316	149	318443	21.148	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	153436	21.021	ng		99
62) 4-Nitroaniline	10.475	138	83564	22.966	ng		100
63) Azobenzene	10.604	77	355850	21.581	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	58610	21.958	ng		93
66) n-Nitrosodiphenylamine	10.563	169	274459	22.081	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	98462	21.459	ng		92
68) Hexachlorobenzene	10.998	284	108350	21.587	ng		94
69) Atrazine	11.086	200	90568	21.601	ng		96
70) Pentachlorophenol	11.198	266	36593	15.022	ng		97
71) Phenanthrene	11.416	178	465547	21.922	ng		99
72) Anthracene	11.469	178	465413	21.951	ng		99
73) Carbazole	11.627	167	452942	22.465	ng		99
74) Di-n-butylphthalate	11.945	149	495830	21.362	ng		100
75) Fluoranthene	12.610	202	503228	21.857	ng		99
77) Benzidine	12.733	184	133848	18.744	ng		98
78) Pyrene	12.839	202	512790	21.449	ng		100
80) Butylbenzylphthalate	13.451	149	213502	21.481	ng		96
81) Benzo(a)anthracene	14.033	228	452252	21.475	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	112215	23.747	ng		99
83) Chrysene	14.068	228	432257	21.511	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	284392	21.177	ng		100
85) Di-n-octyl phthalate	14.621	149	465548	21.702	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	296683	16.910	ng		97
88) Benzo(b)fluoranthene	15.092	252	404353	22.490	ng		100
89) Benzo(k)fluoranthene	15.121	252	360872	20.333	ng		98
90) Benzo(a)pyrene	15.468	252	316708	21.819	ng		98
91) Dibenzo(a,h)anthracene	17.051	278	238692	16.804	ng		97
92) Benzo(g,h,i)perylene	17.492	276	239809	16.674	ng		98

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

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