Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
Data File : BF127837.D
Acq On : 19 Apr 2022 12:38
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 19 15:05:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 15:01:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.946	152	112795	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	597611	20.000	ng	#	0.00
39) Acenaphthene-d10	9.986	164	341295	20.000	ng		0.00
64) Phenanthrene-d10	11.481	188	493777	20.000	ng		0.00
76) Chrysene-d12	14.127	240	484312	20.000	ng		0.00
86) Perylene-d12	15.645	264	378357	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	164741	23.732	ng		-0.01
7) Phenol-d6	6.557	99	167075	18.398	ng		-0.02
23) Nitrobenzene-d5	7.504	82	236412	17.636	ng		-0.01
42) 2,4,6-Tribromophenol	10.775	330	87034	23.964	ng		-0.01
45) 2-Fluorobiphenyl	9.298	172	543719	22.537	ng		-0.01
79) Terphenyl-d14	13.063	244	611476	20.840	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	27388	8.318	ng		89
3) Pyridine	3.569	79	80569	9.291	ng		86
4) n-Nitrosodimethylamine	3.522	42	41942	8.993	ng		95
6) Aniline	6.604	93	94221	8.699	ng		95
8) 2-Chlorophenol	6.728	128	68644	9.748	ng		90
9) Benzaldehyde	6.493	77	55698	10.853	ng		94
10) Phenol	6.569	94	83411	9.186	ng		91
11) bis(2-Chloroethyl)ether	6.675	93	68337	9.113	ng		87
12) 1,3-Dichlorobenzene	6.881	146	86977	10.810	ng		99
13) 1,4-Dichlorobenzene	6.963	146	89915	11.055	ng		99
14) 1,2-Dichlorobenzene	7.110	146	87875	11.303	ng		96
15) Benzyl Alcohol	7.075	79	82811	10.431	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.210	45	122680	10.364	ng		95
17) 2-Methylphenol	7.181	107	66438	10.847	ng		98
18) Hexachloroethane	7.457	117	39921	12.863	ng		95
19) n-Nitroso-di-n-propyla...	7.345	70	67274	11.454	ng		96
20) 3+4-Methylphenols	7.334	107	92208	11.813	ng	#	61
22) Acetophenone	7.345	105	128130	7.979	ng	#	86
24) Nitrobenzene	7.522	77	113259	8.716	ng		99
25) Isophorone	7.757	82	226951	9.703	ng		99
26) 2-Nitrophenol	7.840	139	54448	11.659	ng		92
27) 2,4-Dimethylphenol	7.869	122	91742	10.034	ng		98
28) bis(2-Chloroethoxy)met...	7.969	93	147615	10.235	ng		98
29) 2,4-Dichlorophenol	8.075	162	101984	10.354	ng		96
30) 1,2,4-Trichlorobenzene	8.163	180	120713	10.649	ng		98
31) Naphthalene	8.251	128	328298	10.484	ng		100
32) Benzoic acid	7.945	122	54331	8.191	ng		94
33) 4-Chloroaniline	8.292	127	131412	10.655	ng		96
34) Hexachlorobutadiene	8.363	225	81408	10.440	ng		98
35) Caprolactam	8.640	113	29132	10.008	ng	#	66
36) 4-Chloro-3-methylphenol	8.763	107	104755	10.145	ng		99
37) 2-Methylnaphthalene	8.940	142	226260	10.803	ng		99
38) 1-Methylnaphthalene	9.040	142	216309	10.700	ng		98
40) 1,2,4,5-Tetrachloroben...	9.104	216	122843	10.974	ng		100
41) Hexachlorocyclopentadiene	9.087	237	65248	9.676	ng		99
43) 2,4,6-Trichlorophenol	9.216	196	77899	10.250	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	83191	10.848	ng		95
46) 1,1'-Biphenyl	9.404	154	286888	10.991	ng		97
47) 2-Chloronaphthalene	9.428	162	224425	10.820	ng		100
48) 2-Nitroaniline	9.522	65	69215	10.744	ng		95
49) Acenaphthylene	9.845	152	341056	10.810	ng		100
50) Dimethylphthalate	9.698	163	260959	10.549	ng		100
51) 2,6-Dinitrotoluene	9.763	165	52889	11.342	ng		92
52) Acenaphthene	10.022	154	212593	10.695	ng		99
53) 3-Nitroaniline	9.934	138	54218	11.006	ng		99
54) 2,4-Dinitrophenol	10.039	184	24486	12.105	ng		97
55) Dibenzofuran	10.192	168	320752	11.058	ng		100
56) 4-Nitrophenol	10.086	139	42829	11.069	ng	#	83
57) 2,4-Dinitrotoluene	10.169	165	66606	11.521	ng	#	76
58) Fluorene	10.534	166	243140	11.345	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	72388	10.833	ng		99
60) Diethylphthalate	10.398	149	248473	10.496	ng		98
61) 4-Chlorophenyl-phenyle...	10.528	204	134925	11.458	ng		98
62) 4-Nitroaniline	10.545	138	53709	11.576	ng		97
63) Azobenzene	10.686	77	265452	10.035	ng		95
65) 4,6-Dinitro-2-methylph...	10.575	198	37522	15.733	ng		88
66) n-Nitrosodiphenylamine	10.645	169	209242	13.455	ng		98
67) 4-Bromophenyl-phenylether	11.016	248	83481	13.931	ng	#	91
68) Hexachlorobenzene	11.081	284	91840	14.020	ng		96
69) Atrazine	11.169	200	72995	14.127	ng		99
70) Pentachlorophenol	11.275	266	46853	11.975	ng		98
71) Phenanthrene	11.504	178	285543	10.914	ng		99
72) Anthracene	11.557	178	313695	12.122	ng		99
73) Carbazole	11.710	167	225952	9.318	ng		98
74) Di-n-butylphthalate	12.033	149	245908	8.483	ng		98
75) Fluoranthene	12.692	202	319025	11.175	ng		99
77) Benzidine	12.816	184	151631	11.995	ng		100
78) Pyrene	12.927	202	396399	9.693	ng		98
80) Butylbenzylphthalate	13.539	149	155899	10.238	ng		90
81) Benzo(a)anthracene	14.116	228	338906	10.477	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	118855	11.786	ng		99
83) Chrysene	14.157	228	325359	10.479	ng		98
84) Bis(2-ethylhexyl)phtha...	14.092	149	208232	9.702	ng		98
85) Di-n-octyl phthalate	14.716	149	312411	9.955	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.192	276	219286	9.276	ng		99
88) Benzo(b)fluoranthene	15.192	252	256239	10.528	ng		99
89) Benzo(k)fluoranthene	15.221	252	259204	10.737	ng		99
90) Benzo(a)pyrene	15.574	252	203675	10.295	ng		98
91) Dibenzo(a,h)anthracene	17.210	278	179972	9.396	ng		98
92) Benzo(g,h,i)perylene	17.657	276	174201	8.872	ng		98

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

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