Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030922\
Data File : BF127277.D
Acq On : 09 Mar 2022 15:19
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Mar 09 15:54:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF030922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 09 15:52:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	76303	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	272932	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	162462	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	276450	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	207594	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	152507	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	367590	74.458	ng		0.00
7) Phenol-d6	6.510	99	509296	76.453	ng		0.00
23) Nitrobenzene-d5	7.440	82	494641	81.803	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	137999	73.775	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	892150	80.842	ng		0.00
79) Terphenyl-d14	12.992	244	985202	69.765	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	90488	40.055	ng	#	78
3) Pyridine	3.410	79	243850	41.153	ng	#	71
4) n-Nitrosodimethylamine	3.381	42	144279	49.706	ng	#	58
6) Aniline	6.540	93	307217	38.923	ng		94
8) 2-Chlorophenol	6.657	128	193208	36.475	ng		91
9) Benzaldehyde	6.428	77	128174	31.609	ng		96
10) Phenol	6.522	94	277708	41.258	ng		75
11) bis(2-Chloroethyl)ether	6.610	93	209716	39.723	ng		92
12) 1,3-Dichlorobenzene	6.810	146	216398	37.871	ng		96
13) 1,4-Dichlorobenzene	6.887	146	216807	37.426	ng		98
14) 1,2-Dichlorobenzene	7.040	146	204610	37.038	ng		99
15) Benzyl Alcohol	7.016	79	206578	36.810	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.140	45	400530	48.179	ng		96
17) 2-Methylphenol	7.128	107	168752	36.822	ng	#	89
18) Hexachloroethane	7.381	117	80996	36.477	ng	#	73
19) n-Nitroso-di-n-propyla...	7.287	70	155578	36.244	ng	#	88
20) 3+4-Methylphenols	7.281	107	198167	33.299	ng	#	85
22) Acetophenone	7.287	105	267120	37.172	ng	#	89
24) Nitrobenzene	7.457	77	233714	40.915	ng		92
25) Isophorone	7.693	82	419760	41.952	ng	#	96
26) 2-Nitrophenol	7.775	139	105751	43.482	ng	#	77
27) 2,4-Dimethylphenol	7.804	122	159864	40.012	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	274950	45.327	ng		98
29) 2,4-Dichlorophenol	8.016	162	186308	49.599	ng		98
30) 1,2,4-Trichlorobenzene	8.093	180	207215	49.343	ng		97
31) Naphthalene	8.175	128	584509	41.025	ng		99
32) Benzoic acid	7.940	122	114260	40.325	ng	#	85
33) 4-Chloroaniline	8.228	127	224102	39.962	ng	#	90
34) Hexachlorobutadiene	8.287	225	141764	57.822	ng		98
35) Caprolactam	8.610	113	52637	40.128	ng	#	75
36) 4-Chloro-3-methylphenol	8.710	107	191243	39.837	ng		97
37) 2-Methylnaphthalene	8.869	142	368281	39.836	ng		97
38) 1-Methylnaphthalene	8.969	142	356498	40.269	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	194531	45.488	ng	#	94
41) Hexachlorocyclopentadiene	9.016	237	77896	33.584	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	126598	40.361	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	135675	41.105	ng	#	89
46) 1,1'-Biphenyl	9.334	154	478044	37.140	ng		98
47) 2-Chloronaphthalene	9.363	162	376607	39.456	ng		98
48) 2-Nitroaniline	9.463	65	142618	37.864	ng		91
49) Acenaphthylene	9.775	152	594745	38.359	ng		98
50) Dimethylphthalate	9.634	163	459375	39.558	ng		99
51) 2,6-Dinitrotoluene	9.704	165	96463	40.829	ng		94
52) Acenaphthene	9.951	154	337876	33.508	ng		95
53) 3-Nitroaniline	9.875	138	104573	36.209	ng		92
54) 2,4-Dinitrophenol	9.986	184	51066	40.836	ng		88
55) Dibenzofuran	10.122	168	508998	36.710	ng		98
56) 4-Nitrophenol	10.039	139	62477	29.290	ng	#	60
57) 2,4-Dinitrotoluene	10.110	165	118628	37.136	ng	#	92
58) Fluorene	10.463	166	404199	37.425	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	115371	44.090	ng	#	80
60) Diethylphthalate	10.334	149	409653	33.761	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	222925	43.773	ng		92
62) 4-Nitroaniline	10.492	138	98513	34.543	ng	#	76
63) Azobenzene	10.616	77	469411	34.741	ng		88
65) 4,6-Dinitro-2-methylph...	10.522	198	78638	48.413	ng		88
66) n-Nitrosodiphenylamine	10.575	169	348138	38.405	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	135749	43.949	ng		95
68) Hexachlorobenzene	11.010	284	142381	42.819	ng	#	90
69) Atrazine	11.104	200	120286	42.783	ng		91
70) Pentachlorophenol	11.210	266	67725	37.311	ng		98
71) Phenanthrene	11.433	178	565280	36.532	ng		99
72) Anthracene	11.481	178	562254	36.500	ng		99
73) Carbazole	11.639	167	527345	37.331	ng		99
74) Di-n-butylphthalate	11.957	149	652070	35.906	ng		99
75) Fluoranthene	12.622	202	639506	43.527	ng		92
77) Benzidine	12.745	184	195634	34.678	ng	#	95
78) Pyrene	12.851	202	665617	36.906	ng		99
80) Butylbenzylphthalate	13.463	149	262399	30.732	ng	#	96
81) Benzo(a)anthracene	14.045	228	553114	39.522	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	166719	37.800	ng	#	95
83) Chrysene	14.080	228	513888	39.047	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	336860	30.051	ng	#	98
85) Di-n-octyl phthalate	14.627	149	508946	31.534	ng		95
87) Indeno(1,2,3-cd)pyrene	17.045	276	379995	37.999	ng	#	83
88) Benzo(b)fluoranthene	15.104	252	410435	40.070	ng	#	91
89) Benzo(k)fluoranthene	15.133	252	389417	39.416	ng	#	92
90) Benzo(a)pyrene	15.474	252	317238	39.651	ng	#	92
91) Dibenzo(a,h)anthracene	17.063	278	314532	38.030	ng	#	88
92) Benzo(g,h,i)perylene	17.510	276	314903	38.621	ng	#	83

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

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