Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127819.D
Acq On : 18 Apr 2022 10:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 19 05:14:26 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 13 16:40:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	163713	20.000	ng		-0.01
21) Naphthalene-d8	8.239	136	580940	20.000	ng		# 0.00
39) Acenaphthene-d10	9.998	164	329836	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	610399	20.000	ng		0.00
76) Chrysene-d12	14.139	240	402545	20.000	ng		0.00
86) Perylene-d12	15.656	264	341129	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	810487	80.443	ng		0.00
7) Phenol-d6	6.580	99	1051602	79.784	ng		0.00
23) Nitrobenzene-d5	7.522	82	1038022	79.658	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	316115	90.063	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1745621	74.870	ng		0.00
79) Terphenyl-d14	13.074	244	1916638	78.590	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	190405	39.843	ng		84
3) Pyridine	3.587	79	507016	40.282	ng	#	80
4) n-Nitrosodimethylamine	3.563	42	238807	35.279	ng		91
6) Aniline	6.622	93	629782	40.062	ng		95
8) 2-Chlorophenol	6.739	128	421529	41.244	ng		95
9) Benzaldehyde	6.510	77	275008	41.828	ng		92
10) Phenol	6.592	94	537302	40.768	ng		98
11) bis(2-Chloroethyl)ether	6.686	93	435939	40.053	ng		94
12) 1,3-Dichlorobenzene	6.892	146	476063	40.765	ng		98
13) 1,4-Dichlorobenzene	6.969	146	478942	40.571	ng		98
14) 1,2-Dichlorobenzene	7.128	146	440804	39.064	ng		99
15) Benzyl Alcohol	7.092	79	418132	36.287	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.222	45	642951	37.423	ng		95
17) 2-Methylphenol	7.198	107	358032	40.272	ng		99
18) Hexachloroethane	7.463	117	176630	39.211	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	321456	37.708	ng		92
20) 3+4-Methylphenols	7.351	107	438839	38.736	ng	#	66
22) Acetophenone	7.363	105	585695	37.518	ng	#	86
24) Nitrobenzene	7.539	77	495534	39.229	ng		98
25) Isophorone	7.775	82	873187	38.402	ng		98
26) 2-Nitrophenol	7.851	139	218733	48.183	ng		93
27) 2,4-Dimethylphenol	7.880	122	345831	38.910	ng		94
28) bis(2-Chloroethoxy)met...	7.980	93	548596	39.128	ng		99
29) 2,4-Dichlorophenol	8.092	162	386985	40.418	ng		96
30) 1,2,4-Trichlorobenzene	8.175	180	439803	39.913	ng		96
31) Naphthalene	8.263	128	1198586	39.374	ng		99
32) Benzoic acid	8.004	122	233621	36.230	ng		97
33) 4-Chloroaniline	8.304	127	474344	39.566	ng		99
34) Hexachlorobutadiene	8.369	225	299069	39.455	ng		98
35) Caprolactam	8.686	113	116554	41.188	ng	#	70
36) 4-Chloro-3-methylphenol	8.786	107	399342	39.783	ng		98
37) 2-Methylnaphthalene	8.951	142	795907	39.092	ng		100
38) 1-Methylnaphthalene	9.051	142	773352	39.353	ng		97
40) 1,2,4,5-Tetrachloroben...	9.116	216	436957	40.390	ng		99
41) Hexachlorocyclopentadiene	9.098	237	255130	39.150	ng		97
43) 2,4,6-Trichlorophenol	9.227	196	301699	41.077	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	315054	42.510	ng		93
46) 1,1'-Biphenyl	9.416	154	987049	39.129	ng		98
47) 2-Chloronaphthalene	9.445	162	797123	39.765	ng		99
48) 2-Nitroaniline	9.539	65	273562	43.939	ng		92
49) Acenaphthylene	9.863	152	1208238	39.626	ng		100
50) Dimethylphthalate	9.716	163	957883	40.065	ng		99
51) 2,6-Dinitrotoluene	9.780	165	199203	44.202	ng		91
52) Acenaphthene	10.033	154	780077	40.608	ng		98
53) 3-Nitroaniline	9.951	138	214605	45.076	ng		97
54) 2,4-Dinitrophenol	10.051	184	110823	51.632	ng		96
55) Dibenzofuran	10.204	168	1103196	39.354	ng		97
56) 4-Nitrophenol	10.104	139	166154	44.432	ng		89
57) 2,4-Dinitrotoluene	10.180	165	270583	48.428	ng	#	89
58) Fluorene	10.545	166	839189	40.516	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.316	232	271048	41.971	ng		99
60) Diethylphthalate	10.416	149	907576	39.669	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	459084	40.339	ng		96
62) 4-Nitroaniline	10.568	138	213153	47.537	ng		95
63) Azobenzene	10.698	77	969588	37.927	ng		97
65) 4,6-Dinitro-2-methylph...	10.592	198	160485	54.434	ng		88
66) n-Nitrosodiphenylamine	10.657	169	750205	39.024	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	299480	40.426	ng		94
68) Hexachlorobenzene	11.092	284	332641	41.077	ng		98
69) Atrazine	11.180	200	252610	39.549	ng		97
70) Pentachlorophenol	11.286	266	192930	39.889	ng		99
71) Phenanthrene	11.515	178	1249595	38.638	ng		99
72) Anthracene	11.568	178	1247357	38.991	ng		99
73) Carbazole	11.721	167	1176989	39.264	ng		99
74) Di-n-butylphthalate	12.045	149	1401266	39.104	ng		99
75) Fluoranthene	12.704	202	1369260	38.799	ng		99
77) Benzidine	12.821	184	364811	34.722	ng		98
78) Pyrene	12.939	202	1377244	40.517	ng		99
80) Butylbenzylphthalate	13.545	149	532500	42.073	ng		95
81) Benzo(a)anthracene	14.127	228	1108391	41.226	ng		99
82) 3,3'-Dichlorobenzidine	14.086	252	340485	40.622	ng		98
83) Chrysene	14.162	228	1023767	39.669	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	694909	38.953	ng		99
85) Di-n-octyl phthalate	14.721	149	1050706	40.280	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.215	276	950463	44.594	ng		99
88) Benzo(b)fluoranthene	15.203	252	866557	39.488	ng		99
89) Benzo(k)fluoranthene	15.233	252	874789	40.192	ng		99
90) Benzo(a)pyrene	15.592	252	730487	40.954	ng		100
91) Dibenzo(a,h)anthracene	17.233	278	774213	44.833	ng		96
92) Benzo(g,h,i)perylene	17.692	276	794127	44.856	ng		98

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

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