Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127579.D
Acq On : 30 Mar 2022 10:56
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 30 16:58:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	99337	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	368826	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	220483	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	393853	20.000	ng	0.00
76) Chrysene-d12	14.015	240	292135	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	201425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	457319	73.485	ng	0.00
7) Phenol-d6	6.481	99	630584	74.128	ng	0.00
23) Nitrobenzene-d5	7.410	82	626325	72.589	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	171624	73.072	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1064370	70.492	ng	0.00
79) Terphenyl-d14	12.951	244	1241372	69.562	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	115306	42.185	ng	96
3) Pyridine	3.334	79	288757	37.430	ng	98
4) n-Nitrosodimethylamine	3.310	42	160484	37.888	ng	97
6) Aniline	6.504	93	392034	38.619	ng	95
8) 2-Chlorophenol	6.622	128	247441	38.908	ng	94
9) Benzaldehyde	6.392	77	170043	38.822	ng	98
10) Phenol	6.492	94	350605	37.845	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	269100	39.698	ng	99
12) 1,3-Dichlorobenzene	6.775	146	263330	36.815	ng	96
13) 1,4-Dichlorobenzene	6.851	146	266214	37.000	ng	98
14) 1,2-Dichlorobenzene	7.004	146	250434	35.737	ng	99
15) Benzyl Alcohol	6.986	79	235638	38.115	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	482822	39.581	ng	75
17) 2-Methylphenol	7.098	107	206495	38.474	ng	94
18) Hexachloroethane	7.339	117	100373	38.106	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	198396	38.908	ng	97
20) 3+4-Methylphenols	7.251	107	257604	38.914	ng	95
22) Acetophenone	7.251	105	337895	35.839	ng	99
24) Nitrobenzene	7.428	77	312475	37.974	ng	98
25) Isophorone	7.663	82	552112	40.175	ng	99
26) 2-Nitrophenol	7.739	139	135655	39.308	ng	96
27) 2,4-Dimethylphenol	7.775	122	200621	38.646	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	353044	39.547	ng	99
29) 2,4-Dichlorophenol	7.986	162	224802	38.145	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	248829	36.233	ng	98
31) Naphthalene	8.139	128	724928	37.021	ng	99
32) Benzoic acid	7.933	122	106914	37.366	ng	91
33) 4-Chloroaniline	8.198	127	297007	39.142	ng	99
34) Hexachlorobutadiene	8.245	225	159087	36.481	ng	99
35) Caprolactam	8.586	113	74985	41.272	ng	99
36) 4-Chloro-3-methylphenol	8.686	107	247739	38.745	ng	99
37) 2-Methylnaphthalene	8.833	142	483114	38.370	ng	100
38) 1-Methylnaphthalene	8.928	142	464427	37.302	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	250692	35.760	ng	99
41) Hexachlorocyclopentadiene	8.975	237	57764	35.706	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	164361	38.787	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	173165	39.697	ng		97
46) 1,1'-Biphenyl	9.292	154	601340	36.112	ng		99
47) 2-Chloronaphthalene	9.322	162	481226	36.698	ng		98
48) 2-Nitroaniline	9.433	65	195287	38.858	ng		94
49) Acenaphthylene	9.739	152	713556	35.994	ng		99
50) Dimethylphthalate	9.598	163	584366	38.098	ng		99
51) 2,6-Dinitrotoluene	9.669	165	122985	38.197	ng		94
52) Acenaphthene	9.910	154	435701	37.669	ng		97
53) 3-Nitroaniline	9.845	138	136779	38.727	ng		94
54) 2,4-Dinitrophenol	9.963	184	53068	37.806	ng		97
55) Dibenzofuran	10.080	168	645611	38.182	ng		98
56) 4-Nitrophenol	10.022	139	61074	33.975	ng		96
57) 2,4-Dinitrotoluene	10.080	165	149161	35.991	ng	#	89
58) Fluorene	10.427	166	521750	38.592	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	146696	38.037	ng		98
60) Diethylphthalate	10.292	149	538478	38.436	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	289817	36.558	ng		95
62) 4-Nitroaniline	10.469	138	126567	38.258	ng		97
63) Azobenzene	10.574	77	640684	38.757	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	99848	41.200	ng		96
66) n-Nitrosodiphenylamine	10.539	169	455428	37.987	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	179284	38.989	ng		97
68) Hexachlorobenzene	10.969	284	190738	38.001	ng		94
69) Atrazine	11.063	200	152481	38.203	ng		96
70) Pentachlorophenol	11.174	266	61224	35.672	ng		97
71) Phenanthrene	11.392	178	766892	37.349	ng		100
72) Anthracene	11.445	178	761674	37.380	ng		99
73) Carbazole	11.604	167	734250	37.680	ng		99
74) Di-n-butylphthalate	11.916	149	843567	41.822	ng		100
75) Fluoranthene	12.586	202	857261	37.958	ng		99
77) Benzidine	12.710	184	254487	36.535	ng		98
78) Pyrene	12.816	202	860397	34.317	ng		100
80) Butylbenzylphthalate	13.421	149	336503	40.780	ng		94
81) Benzo(a)anthracene	14.004	228	731987	37.468	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	211604	36.853	ng		98
83) Chrysene	14.045	228	686418	37.104	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	421099	44.147	ng		98
85) Di-n-octyl phthalate	14.580	149	646898	50.964	ng		100
87) Indeno(1,2,3-cd)pyrene	16.998	276	445360	32.676	ng		98
88) Benzo(b)fluoranthene	15.062	252	485912	38.260	ng		99
89) Benzo(k)fluoranthene	15.092	252	522479	39.684	ng		98
90) Benzo(a)pyrene	15.433	252	402038	38.572	ng		98
91) Dibenzo(a,h)anthracene	17.003	278	369176	32.808	ng		97
92) Benzo(g,h,i)perylene	17.456	276	372527m	32.029	ng		

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

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