Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
Data File : BF127596.D
Acq On : 31 Mar 2022 10:27
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 05:32:52 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 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	101380	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	367866	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	217007	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	389196	20.000	ng	0.00
76) Chrysene-d12	14.021	240	280921	20.000	ng	0.00
86) Perylene-d12	15.498	264	195338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	472559	74.404	ng	0.00
7) Phenol-d6	6.481	99	652851	75.199	ng	0.00
23) Nitrobenzene-d5	7.410	82	637009	74.020	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	171087	74.010	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1056736	71.107	ng	0.00
79) Terphenyl-d14	12.951	244	1194701	69.619	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	118595	42.514	ng	94
3) Pyridine	3.328	79	300985	38.229	ng	96
4) n-Nitrosodimethylamine	3.310	42	160014	37.016	ng	96
6) Aniline	6.504	93	393918	38.022	ng	91
8) 2-Chlorophenol	6.628	128	248797	38.333	ng	97
9) Benzaldehyde	6.392	77	171290	38.214	ng	97
10) Phenol	6.492	94	355316	37.581	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	275569	39.833	ng	99
12) 1,3-Dichlorobenzene	6.775	146	269723	36.948	ng	97
13) 1,4-Dichlorobenzene	6.851	146	270664	36.860	ng	99
14) 1,2-Dichlorobenzene	7.004	146	250111	34.972	ng	98
15) Benzyl Alcohol	6.986	79	236404	37.469	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	485487	38.998	ng	85
17) 2-Methylphenol	7.098	107	210038	38.346	ng	93
18) Hexachloroethane	7.339	117	101849	37.887	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	199977	38.428	ng	98
20) 3+4-Methylphenols	7.251	107	262187	38.808	ng	92
22) Acetophenone	7.251	105	341764	36.344	ng	99
24) Nitrobenzene	7.428	77	312790	38.111	ng	100
25) Isophorone	7.663	82	559758	40.838	ng	99
26) 2-Nitrophenol	7.739	139	134579	39.098	ng	97
27) 2,4-Dimethylphenol	7.775	122	203772	39.355	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	359888	40.419	ng	99
29) 2,4-Dichlorophenol	7.986	162	229399	39.027	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	247085	36.073	ng	97
31) Naphthalene	8.139	128	736452	37.708	ng	98
32) Benzoic acid	7.933	122	112081m	38.966	ng	
33) 4-Chloroaniline	8.198	127	301732	39.868	ng	99
34) Hexachlorobutadiene	8.245	225	159707	36.718	ng	100
35) Caprolactam	8.586	113	75454	41.639	ng	95
36) 4-Chloro-3-methylphenol	8.686	107	250871	39.337	ng	97
37) 2-Methylnaphthalene	8.827	142	486903	38.771	ng	98
38) 1-Methylnaphthalene	8.927	142	468942	37.763	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	248986	36.086	ng	99
41) Hexachlorocyclopentadiene	8.975	237	55996	35.351	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	161609	38.748	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	165963	38.656	ng		100
46) 1,1'-Biphenyl	9.292	154	604525	36.884	ng		99
47) 2-Chloronaphthalene	9.322	162	478975	37.111	ng		97
48) 2-Nitroaniline	9.433	65	194231	39.267	ng		94
49) Acenaphthylene	9.739	152	705499	36.158	ng		100
50) Dimethylphthalate	9.598	163	582952	38.614	ng		99
51) 2,6-Dinitrotoluene	9.669	165	120564	38.045	ng		92
52) Acenaphthene	9.910	154	428373	37.629	ng		97
53) 3-Nitroaniline	9.845	138	137120	39.445	ng		94
54) 2,4-Dinitrophenol	9.963	184	51253	37.261	ng		95
55) Dibenzofuran	10.080	168	643252	38.695	ng		99
56) 4-Nitrophenol	10.027	139	60767	34.346	ng		93
57) 2,4-Dinitrotoluene	10.080	165	146195	35.841	ng		92
58) Fluorene	10.427	166	517072	38.877	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140722	37.072	ng		98
60) Diethylphthalate	10.292	149	529247	38.382	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	281013	36.015	ng		96
62) 4-Nitroaniline	10.469	138	129128	39.657	ng		95
63) Azobenzene	10.574	77	627610	38.574	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	97951	40.901	ng		97
66) n-Nitrosodiphenylamine	10.539	169	448892	37.890	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	174529	38.409	ng		94
68) Hexachlorobenzene	10.974	284	183703	37.037	ng		98
69) Atrazine	11.063	200	149346	37.866	ng		95
70) Pentachlorophenol	11.180	266	66895	38.730	ng		96
71) Phenanthrene	11.392	178	750933	37.009	ng		100
72) Anthracene	11.445	178	758280	37.659	ng		99
73) Carbazole	11.604	167	720459	37.414	ng		100
74) Di-n-butylphthalate	11.916	149	824307	41.356	ng		100
75) Fluoranthene	12.586	202	850516	38.110	ng		98
77) Benzidine	12.710	184	240811	35.951	ng		100
78) Pyrene	12.815	202	852634	35.365	ng		99
80) Butylbenzylphthalate	13.421	149	334193	42.117	ng		94
81) Benzo(a)anthracene	14.009	228	714888	38.053	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	207053	37.500	ng	#	94
83) Chrysene	14.045	228	669730	37.647	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	410060	44.706	ng		98
85) Di-n-octyl phthalate	14.586	149	618224	50.649	ng		99
87) Indeno(1,2,3-cd)pyrene	17.003	276	448670	33.944	ng		97
88) Benzo(b)fluoranthene	15.062	252	505151	41.014	ng		100
89) Benzo(k)fluoranthene	15.092	252	482427	37.784	ng		99
90) Benzo(a)pyrene	15.439	252	399053	39.479	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	383356	35.129	ng		99
92) Benzo(g,h,i)perylene	17.456	276	381983	33.865	ng		97

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

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