Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012423\
Data File : BF132193.D
Acq On : 24 Jan 2023 15:16
Operator : CG\JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 25 02:15:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 02:09:50 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF012423

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.084	152	282556	20.000	ng		0.00
21) Naphthalene-d8	8.372	136	972498	20.000	ng		0.00
39) Acenaphthene-d10	10.137	164	543014	20.000	ng		0.00
64) Phenanthrene-d10	11.636	188	1026157	20.000	ng		0.00
76) Chrysene-d12	14.295	240	574547	20.000	ng		0.00
86) Perylene-d12	15.889	264	531591	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	1241249	79.202	ng		0.00
7) Phenol-d6	6.696	99	1518376	78.701	ng		0.00
23) Nitrobenzene-d5	7.648	82	1441979	79.412	ng		0.00
42) 2,4,6-Tribromophenol	10.931	330	471611	92.466	ng		0.00
45) 2-Fluorobiphenyl	9.448	172	2700453	75.331	ng		0.00
79) Terphenyl-d14	13.230	244	3044391	83.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	302780	37.852	ng		96
3) Pyridine	3.778	79	825613	37.749	ng		97
4) n-Nitrosodimethylamine	3.749	42	349510	35.688	ng		87
6) Aniline	6.748	93	1034965	38.434	ng		97
8) 2-Chlorophenol	6.866	128	668107	41.218	ng		96
9) Benzaldehyde	6.637	77	494309	37.316	ng		96
10) Phenol	6.707	94	798001	39.420	ng		95
11) bis(2-Chloroethyl)ether	6.813	93	662698	38.790	ng		96
12) 1,3-Dichlorobenzene	7.025	146	762352	39.865	ng		98
13) 1,4-Dichlorobenzene	7.101	146	764202	39.960	ng		99
14) 1,2-Dichlorobenzene	7.254	146	702793	39.452	ng		98
15) Benzyl Alcohol	7.219	79	621748	40.229	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	794068	34.408	ng		99
17) 2-Methylphenol	7.319	107	580831	40.144	ng		98
18) Hexachloroethane	7.601	117	273279	41.164	ng		97
19) n-Nitroso-di-n-propyla...	7.490	70	468668	36.687	ng		100
20) 3+4-Methylphenols	7.472	107	735413	40.447	ng		91
22) Acetophenone	7.490	105	903300	38.487	ng		96
24) Nitrobenzene	7.666	77	752057	39.199	ng		96
25) Isophorone	7.901	82	1330644	38.474	ng		98
26) 2-Nitrophenol	7.978	139	353272	45.129	ng		94
27) 2,4-Dimethylphenol	8.007	122	602288	41.852	ng		99
28) bis(2-Chloroethoxy)met...	8.107	93	778049	38.498	ng		99
29) 2,4-Dichlorophenol	8.219	162	617302	42.813	ng		98
30) 1,2,4-Trichlorobenzene	8.307	180	700363	40.730	ng		98
31) Naphthalene	8.395	128	1862482	39.238	ng		99
32) Benzoic acid	8.113	122	423264m	44.907	ng		
33) 4-Chloroaniline	8.437	127	821540	39.980	ng		97
34) Hexachlorobutadiene	8.507	225	488536	42.157	ng		98
35) Caprolactam	8.813	113	166372	44.954	ng	#	86
36) 4-Chloro-3-methylphenol	8.907	107	578369	41.128	ng		98
37) 2-Methylnaphthalene	9.084	142	1358648	39.454	ng		99
38) 1-Methylnaphthalene	9.184	142	1262290	39.780	ng		99
40) 1,2,4,5-Tetrachloroben...	9.248	216	769866	40.395	ng		99
41) Hexachlorocyclopentadiene	9.237	237	466710	45.491	ng		100
43) 2,4,6-Trichlorophenol	9.354	196	487102	43.689	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	563270	43.118	ng	98
46) 1,1'-Biphenyl	9.548	154	1613253	39.576	ng	99
47) 2-Chloronaphthalene	9.578	162	1266595	39.894	ng	99
48) 2-Nitroaniline	9.666	65	357783	43.724	ng	98
49) Acenaphthylene	10.001	152	1906106	39.332	ng	99
50) Dimethylphthalate	9.848	163	1511005	41.706	ng	100
51) 2,6-Dinitrotoluene	9.913	165	352598	45.926	ng	89
52) Acenaphthene	10.172	154	1223695	40.036	ng	99
53) 3-Nitroaniline	10.084	138	353443	43.556	ng	93
54) 2,4-Dinitrophenol	10.184	184	162509	42.718	ng	89
55) Dibenzofuran	10.342	168	1794554	39.456	ng	99
56) 4-Nitrophenol	10.225	139	264468	47.026	ng	92
57) 2,4-Dinitrotoluene	10.313	165	446715	46.736	ng	93
58) Fluorene	10.689	166	1370223	38.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	447585	45.880	ng	95
60) Diethylphthalate	10.548	149	1470911	42.391	ng	98
61) 4-Chlorophenyl-phenyle...	10.678	204	795663	40.021	ng	98
62) 4-Nitroaniline	10.701	138	334720	42.761	ng	93
63) Azobenzene	10.836	77	1312791	37.018	ng	97
65) 4,6-Dinitro-2-methylph...	10.725	198	234064	43.656	ng	94
66) n-Nitrosodiphenylamine	10.795	169	1214938	39.758	ng	100
67) 4-Bromophenyl-phenylether	11.172	248	511952	41.736	ng	94
68) Hexachlorobenzene	11.236	284	509057	42.254	ng	97
69) Atrazine	11.319	200	420432	43.700	ng	99
70) Pentachlorophenol	11.425	266	368335	45.731	ng	99
71) Phenanthrene	11.660	178	2011729	39.457	ng	100
72) Anthracene	11.713	178	2012835	38.932	ng	100
73) Carbazole	11.866	167	1730843	39.721	ng	100
74) Di-n-butylphthalate	12.183	149	2122746	43.777	ng	100
75) Fluoranthene	12.860	202	2119071	39.740	ng	99
77) Benzidine	12.972	184	618413	42.251	ng	97
78) Pyrene	13.089	202	2114163	41.427	ng	99
80) Butylbenzylphthalate	13.701	149	746196	45.150	ng	96
81) Benzo(a)anthracene	14.283	228	1651692	40.410	ng	99
82) 3,3'-Dichlorobenzidine	14.242	252	493083	45.264	ng	96
83) Chrysene	14.324	228	1523066	39.898	ng	99
84) Bis(2-ethylhexyl)phtha...	14.260	149	969556	48.036	ng	99
85) Di-n-octyl phthalate	14.895	149	1323026	43.315	ng	97
87) Indeno(1,2,3-cd)pyrene	17.548	276	1607096	44.009	ng	99
88) Benzo(b)fluoranthene	15.407	252	1374302	40.344	ng	99
89) Benzo(k)fluoranthene	15.442	252	1360270	39.111	ng	99
90) Benzo(a)pyrene	15.818	252	1316159	41.275	ng	99
91) Dibenzo(a,h)anthracene	17.571	278	1332538	44.185	ng	99
92) Benzo(g,h,i)perylene	18.054	276	1335335	43.737	ng	99

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

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