Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
Data File : BF132494.D
Acq On : 21 Feb 2023 14:01
Operator : CG\JU
Sample : PB150926BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 22 00:50:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 21 16:43:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150926BSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/22/2023
Supervised By :Jagrut Upadhyay
02/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.019	152	265068	20.000	ng		0.00
21) Naphthalene-d8	8.307	136	1010535	20.000	ng		0.00
39) Acenaphthene-d10	10.078	164	563173	20.000	ng		0.00
64) Phenanthrene-d10	11.572	188	1059461	20.000	ng		0.00
76) Chrysene-d12	14.230	240	622578	20.000	ng	#	0.00
86) Perylene-d12	15.789	264	476379	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.654	112	1351014	81.670	ng		0.01
7) Phenol-d6	6.648	99	1758426	81.407	ng		0.00
23) Nitrobenzene-d5	7.595	82	1671916	79.497	ng		0.00
42) 2,4,6-Tribromophenol	10.872	330	479917	85.410	ng		0.00
45) 2-Fluorobiphenyl	9.389	172	2543143	69.737	ng		0.00
79) Terphenyl-d14	13.166	244	3105153	90.834	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.984	88	262165	29.296	ng		98
3) Pyridine	3.737	79	670703	27.611	ng		97
4) n-Nitrosodimethylamine	3.707	42	361653	37.708	ng		94
6) Aniline	6.684	93	992157	32.971	ng		98
8) 2-Chlorophenol	6.807	128	744884	44.108	ng		95
9) Benzaldehyde	6.572	77	196206	16.989	ng		94
10) Phenol	6.666	94	939935m	41.061	ng		
11) bis(2-Chloroethyl)ether	6.754	93	821903	42.329	ng		99
12) 1,3-Dichlorobenzene	6.960	146	733671	39.880	ng		99
13) 1,4-Dichlorobenzene	7.037	146	730550	39.808	ng		98
14) 1,2-Dichlorobenzene	7.190	146	718715	42.746	ng		96
15) Benzyl Alcohol	7.166	79	724028	45.316	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1075091	39.822	ng		96
17) 2-Methylphenol	7.272	107	627386	39.025	ng		99
18) Hexachloroethane	7.537	117	299639	43.242	ng		96
19) n-Nitroso-di-n-propyla...	7.443	70	546991	41.307	ng		95
20) 3+4-Methylphenols	7.425	107	726830	36.618	ng	#	76
22) Acetophenone	7.437	105	993389	37.930	ng		99
24) Nitrobenzene	7.613	77	876947	38.032	ng		98
25) Isophorone	7.848	82	1663173	40.245	ng		99
26) 2-Nitrophenol	7.925	139	403549	45.021	ng		97
27) 2,4-Dimethylphenol	7.954	122	646685	39.959	ng		98
28) bis(2-Chloroethoxy)met...	8.048	93	955045	39.546	ng		99
29) 2,4-Dichlorophenol	8.166	162	619893	40.601	ng		98
30) 1,2,4-Trichlorobenzene	8.248	180	681684	40.146	ng		97
31) Naphthalene	8.337	128	1909894	36.419	ng		100
32) Benzoic acid	8.095	122	547848	47.044	ng		96
33) 4-Chloroaniline	8.378	127	528051	24.235	ng		95
34) Hexachlorobutadiene	8.442	225	444476	41.462	ng		98
35) Caprolactam	8.772	113	243773m	49.181	ng		
36) 4-Chloro-3-methylphenol	8.860	107	701993	41.091	ng		99
37) 2-Methylnaphthalene	9.025	142	1300624	36.851	ng		99
38) 1-Methylnaphthalene	9.125	142	1226910	37.001	ng		99
40) 1,2,4,5-Tetrachloroben...	9.195	216	686779	37.635	ng		99
41) Hexachlorocyclopentadiene	9.178	237	801136	79.931	ng		100
43) 2,4,6-Trichlorophenol	9.301	196	486402	40.462	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.354	196	514599	36.753	ng		98
46)	1,1'-Biphenyl	9.489	154	1569783	36.014	ng		99
47)	2-Chloronaphthalene	9.519	162	1277351	37.336	ng		99
48)	2-Nitroaniline	9.613	65	473545	39.450	ng		98
49)	Acenaphthylene	9.936	152	1917899	35.283	ng		99
50)	Dimethylphthalate	9.795	163	1568678	37.824	ng		99
51)	2,6-Dinitrotoluene	9.860	165	359471	39.856	ng		88
52)	Acenaphthene	10.113	154	1422139m	42.040	ng		
53)	3-Nitroaniline	10.031	138	306229	29.572	ng		97
54)	2,4-Dinitrophenol	10.142	184	461174	82.195	ng		98
55)	Dibenzofuran	10.284	168	1766077	35.187	ng		98
56)	4-Nitrophenol	10.195	139	575706	76.631	ng		92
57)	2,4-Dinitrotoluene	10.266	165	480421	40.464	ng		95
58)	Fluorene	10.631	166	1393214	36.716	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.401	232	433355	40.952	ng		98
60)	Diethylphthalate	10.495	149	1524656	37.398	ng		99
61)	4-Chlorophenyl-phenyle...	10.613	204	732418	36.858	ng		98
62)	4-Nitroaniline	10.654	138	380067	39.334	ng		98
63)	Azobenzene	10.778	77	1614817	35.798	ng		98
65)	4,6-Dinitro-2-methylph...	10.678	198	292775	44.449	ng		90
66)	n-Nitrosodiphenylamine	10.736	169	1260131	38.752	ng		99
67)	4-Bromophenyl-phenylether	11.107	248	466436	40.169	ng		98
68)	Hexachlorobenzene	11.178	284	518129	42.687	ng		99
69)	Atrazine	11.266	200	441064	44.067	ng		99
70)	Pentachlorophenol	11.378	266	567871	75.251	ng		99
71)	Phenanthrene	11.601	178	2024474	37.101	ng		100
72)	Anthracene	11.654	178	2029918	36.187	ng		99
73)	Carbazole	11.807	167	1887615	37.383	ng		99
74)	Di-n-butylphthalate	12.119	149	2329838	38.738	ng		99
75)	Fluoranthene	12.795	202	2207066	36.269	ng		98
77)	Benzidine	12.907	184	518045	39.077	ng		99
78)	Pyrene	13.030	202	2228234	42.131	ng		99
80)	Butylbenzylphthalate	13.630	149	907750	45.997	ng		99
81)	Benzo(a)anthracene	14.219	228	1750581	38.392	ng		99
82)	3,3'-Dichlorobenzidine	14.177	252	452591	37.160	ng		99
83)	Chrysene	14.260	228	1608340	36.917	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.189	149	1080516	42.295	ng	#	98
85)	Di-n-octyl phthalate	14.819	149	1634817	44.070	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.418	276	1561477	51.277	ng		98
88)	Benzo(b)fluoranthene	15.324	252	1455660	46.466	ng		99
89)	Benzo(k)fluoranthene	15.360	252	1271033	40.544	ng		99
90)	Benzo(a)pyrene	15.724	252	1197315	41.126	ng		99
91)	Dibenzo(a,h)anthracene	17.436	278	1309461	52.209	ng		99
92)	Benzo(g,h,i)perylene	17.918	276	1372016	53.266	ng		98

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

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