Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
Data File : BF132468.D
Acq On : 18 Feb 2023 00:57
Operator : CG\JU
Sample : 01552-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-4.0-6.0MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 01:35:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 18 00:58:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.025	152	255928	20.000	ng		0.00
21) Naphthalene-d8	8.313	136	928515	20.000	ng		0.00
39) Acenaphthene-d10	10.078	164	450474	20.000	ng		0.00
64) Phenanthrene-d10	11.572	188	747632	20.000	ng		0.00
76) Chrysene-d12	14.236	240	395305	20.000	ng		0.00
86) Perylene-d12	15.795	264	401376	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	1634889	102.360	ng		0.02
7) Phenol-d6	6.654	99	2119232	101.615	ng		0.00
23) Nitrobenzene-d5	7.589	82	1428515	73.924	ng		0.00
42) 2,4,6-Tribromophenol	10.872	330	444273	98.847	ng		0.00
45) 2-Fluorobiphenyl	9.389	172	2056409	70.497	ng		0.00
79) Terphenyl-d14	13.160	244	1768197	81.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.019	88	349945	40.501	ng		98
3) Pyridine	3.760	79	893534	38.098	ng		98
4) n-Nitrosodimethylamine	3.731	42	402109	43.423	ng		90
6) Aniline	6.707	93	1019557	35.091	ng		96
8) 2-Chlorophenol	6.813	128	759698	46.592	ng		93
9) Benzaldehyde	6.578	77	473998	42.508	ng		99
10) Phenol	6.666	94	980305m	44.354	ng		
11) bis(2-Chloroethyl)ether	6.754	93	888281	47.381	ng		99
12) 1,3-Dichlorobenzene	6.966	146	803829	45.254	ng		99
13) 1,4-Dichlorobenzene	7.042	146	787372	44.437	ng		99
14) 1,2-Dichlorobenzene	7.195	146	769355	47.393	ng		97
15) Benzyl Alcohol	7.166	79	728763	47.241	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1148850	44.074	ng		96
17) 2-Methylphenol	7.272	107	647733	41.730	ng		99
18) Hexachloroethane	7.537	117	320859	47.958	ng		94
19) n-Nitroso-di-n-propyla...	7.442	70	549384	42.969	ng		96
20) 3+4-Methylphenols	7.425	107	739677	38.596	ng	#	81
22) Acetophenone	7.437	105	1003960	41.720	ng		100
24) Nitrobenzene	7.613	77	900885	42.521	ng		99
25) Isophorone	7.848	82	1646614	43.364	ng		99
26) 2-Nitrophenol	7.925	139	412190	50.047	ng		97
27) 2,4-Dimethylphenol	7.960	122	667981m	44.920	ng		
28) bis(2-Chloroethoxy)met...	8.054	93	975478	43.960	ng		100
29) 2,4-Dichlorophenol	8.166	162	613215	43.711	ng		98
30) 1,2,4-Trichlorobenzene	8.248	180	686647	44.010	ng		100
31) Naphthalene	8.336	128	2248804	46.669	ng		99
32) Benzoic acid	8.089	122	516033	48.046	ng		95
33) 4-Chloroaniline	8.389	127	217266	10.852	ng		94
34) Hexachlorobutadiene	8.442	225	441261	44.798	ng		98
35) Caprolactam	8.760	113	213878m	46.961	ng		
36) 4-Chloro-3-methylphenol	8.860	107	669240	42.635	ng		99
37) 2-Methylnaphthalene	9.025	142	1402481	43.247	ng		99
38) 1-Methylnaphthalene	9.131	142	1313616	43.116	ng		100
40) 1,2,4,5-Tetrachloroben...	9.189	216	668950	45.829	ng		99
41) Hexachlorocyclopentadiene	9.178	237	454890	56.740	ng		98
43) 2,4,6-Trichlorophenol	9.301	196	447282	46.517	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	478297	42.707	ng		98
46) 1,1'-Biphenyl	9.495	154	1559136	44.718	ng		99
47) 2-Chloronaphthalene	9.519	162	1215625	44.421	ng		99
48) 2-Nitroaniline	9.613	65	426397	44.409	ng		97
49) Acenaphthylene	9.936	152	1828814	42.061	ng		99
50) Dimethylphthalate	9.789	163	1468382	44.264	ng		99
51) 2,6-Dinitrotoluene	9.854	165	325731	45.151	ng		98
52) Acenaphthene	10.113	154	1388031	51.297	ng		100
53) 3-Nitroaniline	10.025	138	248363	29.985	ng		93
54) 2,4-Dinitrophenol	10.130	184	273118	62.187	ng	#	91
55) Dibenzofuran	10.283	168	1909774	47.570	ng		99
56) 4-Nitrophenol	10.189	139	488637	81.314	ng		98
57) 2,4-Dinitrotoluene	10.260	165	418922	44.112	ng		98
58) Fluorene	10.630	166	1490895	49.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	367326	43.397	ng		97
60) Diethylphthalate	10.495	149	1378612	42.275	ng		99
61) 4-Chlorophenyl-phenyle...	10.613	204	640504	40.296	ng		99
62) 4-Nitroaniline	10.648	138	276253	35.742	ng		96
63) Azobenzene	10.778	77	1468668	40.704	ng		94
65) 4,6-Dinitro-2-methylph...	10.672	198	171970	36.998	ng		93
66) n-Nitrosodiphenylamine	10.736	169	1104065	48.114	ng		100
67) 4-Bromophenyl-phenylether	11.107	248	396108	48.341	ng		96
68) Hexachlorobenzene	11.177	284	404282	47.200	ng		98
69) Atrazine	11.266	200	344197	48.732	ng		98
70) Pentachlorophenol	11.377	266	424986	79.806	ng		99
71) Phenanthrene	11.607	178	4571218	118.714	ng		97
72) Anthracene	11.654	178	2465039	62.273	ng		98
73) Carbazole	11.807	167	1778008	49.899	ng		99
74) Di-n-butylphthalate	12.124	149	1916311	45.152	ng		99
75) Fluoranthene	12.801	202	4544137	105.819	ng		97
77) Benzidine	12.913	184	398357	47.325	ng		98
78) Pyrene	13.036	202	4054561	120.740	ng		97
80) Butylbenzylphthalate	13.630	149	710066	56.666	ng		99
81) Benzo(a)anthracene	14.224	228	2763575	95.452	ng		98
82) 3,3'-Dichlorobenzidine	14.177	252	390582	50.506	ng		98
83) Chrysene	14.265	228	2238848	80.934	ng		99
84) Bis(2-ethylhexyl)phtha...	14.189	149	983540	60.633	ng	#	98
85) Di-n-octyl phthalate	14.818	149	1633257	69.340	ng		98
87) Indeno(1,2,3-cd)pyrene	17.412	276	1585992	61.814	ng		97
88) Benzo(b)fluoranthene	15.330	252	2685280	101.735	ng		99
89) Benzo(k)fluoranthene	15.360	252	1596677	60.449	ng		99
90) Benzo(a)pyrene	15.736	252	2018332	82.282	ng		97
91) Dibenzo(a,h)anthracene	17.430	278	954319	45.159	ng		99
92) Benzo(g,h,i)perylene	17.912	276	1352279	62.310	ng		99

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

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