Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132953.D
Acq On : 20 Apr 2023 23:39
Operator : CG\JU
Sample : 02386-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPA-1WC-23-04MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 02:19:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	350403	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	1441945	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	709285	20.000	ng		0.00
64) Phenanthrene-d10	11.280	188	1250815	20.000	ng		0.00
76) Chrysene-d12	13.921	240	769100	20.000	ng		0.00
86) Perylene-d12	15.345	264	709099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2948000	131.554	ng		0.03
7) Phenol-d6	6.398	99	3588483	125.494	ng		0.00
23) Nitrobenzene-d5	7.328	82	2476949	89.539	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	1066523	149.915	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	3896037	84.383	ng		0.00
79) Terphenyl-d14	12.874	244	4304729	95.491	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	454190	41.537	ng		97
3) Pyridine	3.357	79	995899	33.302	ng		98
4) n-Nitrosodimethylamine	3.281	42	687798	48.403	ng		98
6) Aniline	6.422	93	904653	23.856	ng		99
8) 2-Chlorophenol	6.545	128	1177588	51.799	ng		99
9) Benzaldehyde	6.304	77	560771	33.145	ng		94
10) Phenol	6.410	94	1377875	42.855	ng		97
11) bis(2-Chloroethyl)ether	6.498	93	1177831	48.507	ng		96
12) 1,3-Dichlorobenzene	6.698	146	1198046	47.945	ng		98
13) 1,4-Dichlorobenzene	6.775	146	1294444	51.699	ng		98
14) 1,2-Dichlorobenzene	6.928	146	1262826	54.018	ng		100
15) Benzyl Alcohol	6.904	79	1089660	55.604	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	2108613	50.187	ng		99
17) 2-Methylphenol	7.022	107	991641	47.624	ng		98
18) Hexachloroethane	7.269	117	423754	48.767	ng		98
19) n-Nitroso-di-n-propyla...	7.186	70	897172	50.266	ng		98
20) 3+4-Methylphenols	7.175	107	1159556	47.115	ng		92
22) Acetophenone	7.175	105	1647070	48.692	ng	#	95
24) Nitrobenzene	7.345	77	1292593	45.587	ng		98
25) Isophorone	7.586	82	2480810	47.278	ng		100
26) 2-Nitrophenol	7.663	139	646847	60.473	ng		99
27) 2,4-Dimethylphenol	7.704	122	1190128	54.544	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	1461791	46.594	ng		97
29) 2,4-Dichlorophenol	7.904	162	988108	48.653	ng		97
30) 1,2,4-Trichlorobenzene	7.986	180	1040763	47.461	ng		98
31) Naphthalene	8.069	128	3499396	48.024	ng		100
32) Benzoic acid	7.828	122	693309	63.364	ng	#	80
33) 4-Chloroaniline	8.116	127	459108	15.383	ng		97
34) Hexachlorobutadiene	8.186	225	553944	44.156	ng		99
35) Caprolactam	8.510	113	346618m	57.311	ng		
36) 4-Chloro-3-methylphenol	8.598	107	1084687	50.884	ng		99
37) 2-Methylnaphthalene	8.757	142	2244187	44.746	ng		100
38) 1-Methylnaphthalene	8.857	142	2076677	44.438	ng		99
40) 1,2,4,5-Tetrachloroben...	8.928	216	914321	45.575	ng		99
41) Hexachlorocyclopentadiene	8.916	237	1065440	100.758	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	681008	53.549	ng		99

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44) 2,4,5-Trichlorophenol	9.075	196	695628	46.778	ng	97
46) 1,1'-Biphenyl	9.227	154	2644308	47.028	ng	99
47) 2-Chloronaphthalene	9.251	162	1989599	47.816	ng	99
48) 2-Nitroaniline	9.345	65	714187	59.331	ng	91
49) Acenaphthylene	9.663	152	3054473	46.025	ng	98
50) Dimethylphthalate	9.533	163	2282480	46.546	ng	99
51) 2,6-Dinitrotoluene	9.586	165	561504	52.226	ng	93
52) Acenaphthene	9.839	154	2198887	51.417	ng	99
53) 3-Nitroaniline	9.751	138	356150	29.110	ng	94
54) 2,4-Dinitrophenol	9.857	184	549333	131.162	ng	94
55) Dibenzofuran	10.010	168	2759823	45.485	ng	100
56) 4-Nitrophenol	9.922	139	936744	103.072	ng	96
57) 2,4-Dinitrotoluene	9.992	165	738652	55.666	ng	92
58) Fluorene	10.351	166	2014325	45.320	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	586856	50.848	ng	99
60) Diethylphthalate	10.233	149	2235887	48.794	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	1026698	45.415	ng	93
62) 4-Nitroaniline	10.374	138	590603	50.224	ng	97
63) Azobenzene	10.504	77	2526708	49.364	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	384629	64.209	ng	96
66) n-Nitrosodiphenylamine	10.463	169	1932085	47.428	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	663033	46.421	ng	99
68) Hexachlorobenzene	10.898	284	732987	49.465	ng	96
69) Atrazine	10.992	200	606337	53.251	ng	99
70) Pentachlorophenol	11.092	266	895150	93.614	ng	100
71) Phenanthrene	11.310	178	3066679	45.581	ng	98
72) Anthracene	11.363	178	3109005	45.141	ng	98
73) Carbazole	11.516	167	2813491	47.211	ng	99
74) Di-n-butylphthalate	11.851	149	3331525	52.149	ng	100
75) Fluoranthene	12.492	202	3134788	46.853	ng	99
77) Benzidine	12.610	184	683351	57.038	ng	96
78) Pyrene	12.721	202	3214674	51.117	ng	100
80) Butylbenzylphthalate	13.345	149	1316213	82.586	ng	94
81) Benzo(a)anthracene	13.910	228	2550292	48.758	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	678825	53.653	ng	99
83) Chrysene	13.945	228	2483133	47.764	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	1813237	91.150	ng	99
85) Di-n-octyl phthalate	14.521	149	2700939	60.543	ng	96
87) Indeno(1,2,3-cd)pyrene	16.739	276	2380444	58.750	ng	99
88) Benzo(b)fluoranthene	14.939	252	2309324	52.283	ng	100
89) Benzo(k)fluoranthene	14.968	252	2151978	48.908	ng	99
90) Benzo(a)pyrene	15.286	252	1918896	47.552	ng	98
91) Dibenzo(a,h)anthracene	16.762	278	1973205	57.154	ng	97
92) Benzo(g,h,i)perylene	17.162	276	1987800	60.135	ng	99

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

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