Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135060.D
Acq On : 01 Sep 2023 01:11
Operator : CG\JU
Sample : 04070-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 01 01:55:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	262980	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	1065027	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	499772	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	856687	20.000	ng		0.00
76) Chrysene-d12	13.963	240	430843	20.000	ng		0.00
86) Perylene-d12	15.427	264	555443	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	930398	54.647	ng		0.01
7) Phenol-d6	6.422	99	1196239	56.370	ng		0.00
23) Nitrobenzene-d5	7.340	82	749518	39.537	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	279970	52.809	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	1184362	38.583	ng		0.00
79) Terphenyl-d14	12.898	244	810418	30.696	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	139938	19.404	ng		98
3) Pyridine	3.293	79	365245	18.786	ng		99
4) n-Nitrosodimethylamine	3.263	42	230229	24.214	ng		97
6) Aniline	6.440	93	480050	18.248	ng	#	83
8) 2-Chlorophenol	6.563	128	457701	26.462	ng		97
9) Benzaldehyde	6.328	77	201366	18.622	ng		97
10) Phenol	6.434	94	537653	24.133	ng		88
11) bis(2-Chloroethyl)ether	6.516	93	421457	25.122	ng		99
12) 1,3-Dichlorobenzene	6.716	146	452084	25.369	ng		99
13) 1,4-Dichlorobenzene	6.793	146	456131	25.574	ng		99
14) 1,2-Dichlorobenzene	6.940	146	439609	26.413	ng		98
15) Benzyl Alcohol	6.922	79	391316	26.915	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	701571	24.972	ng		98
17) 2-Methylphenol	7.034	107	353657	23.464	ng		97
18) Hexachloroethane	7.281	117	173146	26.207	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	306709	24.332	ng		99
20) 3+4-Methylphenols	7.187	107	417024	23.452	ng		98
22) Acetophenone	7.187	105	589573	24.888	ng		99
24) Nitrobenzene	7.363	77	468508	24.093	ng		98
25) Isophorone	7.598	82	875821	24.367	ng		99
26) 2-Nitrophenol	7.675	139	244117	25.409	ng		99
27) 2,4-Dimethylphenol	7.716	122	361288	23.357	ng		96
28) bis(2-Chloroethoxy)met...	7.810	93	527162	24.314	ng		99
29) 2,4-Dichlorophenol	7.916	162	370325	25.190	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	396105	24.933	ng		98
31) Naphthalene	8.081	128	1228122	23.606	ng		100
32) Benzoic acid	7.857	122	277430	22.421	ng		97
33) 4-Chloroaniline	8.128	127	367720	16.159	ng		98
34) Hexachlorobutadiene	8.192	225	224824	24.937	ng		99
35) Caprolactam	8.510	113	117173m	24.343	ng		
36) 4-Chloro-3-methylphenol	8.616	107	373917	23.418	ng		96
37) 2-Methylnaphthalene	8.769	142	768863	22.149	ng		99
38) 1-Methylnaphthalene	8.869	142	738298	22.731	ng		100
40) 1,2,4,5-Tetrachloroben...	8.934	216	354060	25.307	ng		99
41) Hexachlorocyclopentadiene	8.922	237	278843	46.828	ng		97
43) 2,4,6-Trichlorophenol	9.051	196	239253	25.464	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	255859	23.521	ng	95
46) 1,1'-Biphenyl	9.239	154	958883	25.112	ng	99
47) 2-Chloronaphthalene	9.263	162	737655	25.690	ng	100
48) 2-Nitroaniline	9.363	65	241584	24.578	ng	96
49) Acenaphthylene	9.675	152	1083690	24.967	ng	100
50) Dimethylphthalate	9.545	163	858757	24.540	ng	100
51) 2,6-Dinitrotoluene	9.610	165	193506	25.200	ng	89
52) Acenaphthene	9.851	154	670231	24.230	ng	99
53) 3-Nitroaniline	9.775	138	177900	19.889	ng	97
54) 2,4-Dinitrophenol	9.886	184	142821	38.917	ng	94
55) Dibenzofuran	10.022	168	957031	23.984	ng	100
56) 4-Nitrophenol	9.945	139	260689	41.461	ng	95
57) 2,4-Dinitrotoluene	10.016	165	234224	24.477	ng	97
58) Fluorene	10.369	166	725255	23.841	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.139	232	203144	24.252	ng	97
60) Diethylphthalate	10.245	149	803803	24.401	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	354413	23.554	ng	99
62) 4-Nitroaniline	10.392	138	185446	21.189	ng	97
63) Azobenzene	10.522	77	786420	23.709	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	116327	22.436	ng	97
66) n-Nitrosodiphenylamine	10.481	169	667361	25.054	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	230095	25.323	ng	99
68) Hexachlorobenzene	10.916	284	251822	26.802	ng	96
69) Atrazine	11.016	200	219900	33.291	ng	99
70) Pentachlorophenol	11.110	266	197191	34.691	ng	99
71) Phenanthrene	11.333	178	1053058	23.826	ng	100
72) Anthracene	11.380	178	1061943	23.517	ng	100
73) Carbazole	11.539	167	838440	21.527	ng	99
74) Di-n-butylphthalate	11.875	149	1144604	24.379	ng	99
75) Fluoranthene	12.522	202	838223	18.758	ng	100
77) Benzidine	12.651	184	241956	31.154	ng	99
78) Pyrene	12.751	202	808097	19.755	ng	99
80) Butylbenzylphthalate	13.380	149	312673	21.158	ng	98
81) Benzo(a)anthracene	13.951	228	677819	23.063	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	243699	27.480	ng	99
83) Chrysene	13.986	228	673111	23.305	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	400978	26.219	ng	99
85) Di-n-octyl phthalate	14.563	149	809388	34.673	ng	99
87) Indeno(1,2,3-cd)pyrene	16.910	276	768883	20.551	ng	99
88) Benzo(b)fluoranthene	14.998	252	811961	23.494	ng	100
89) Benzo(k)fluoranthene	15.033	252	708347	21.215	ng	97
90) Benzo(a)pyrene	15.368	252	700135	21.807	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	630111	20.795	ng	98
92) Benzo(g,h,i)perylene	17.357	276	563414	17.877	ng	98

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

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