Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133418.D
Acq On : 17 May 2023 17:45
Operator : CG\JU
Sample : 02812-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 04:03:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	218893	20.000	ng		0.00
21) Naphthalene-d8	7.998	136	876993	20.000	ng		-0.01
39) Acenaphthene-d10	9.751	164	452687	20.000	ng		-0.01
64) Phenanthrene-d10	11.239	188	809890	20.000	ng		0.00
76) Chrysene-d12	13.874	240	362047	20.000	ng		-0.01
86) Perylene-d12	15.298	264	492946	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1403873	96.883	ng		0.00
7) Phenol-d6	6.363	99	1677675	93.279	ng		0.00
23) Nitrobenzene-d5	7.286	82	1063007	65.426	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	433851	95.297	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1753883	64.818	ng		-0.01
79) Terphenyl-d14	12.821	244	1713913	81.645	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	284458	42.323	ng		93
3) Pyridine	3.098	79	703021	39.382	ng		97
4) n-Nitrosodimethylamine	3.063	42	375119	40.569	ng		93
6) Aniline	6.375	93	826623	35.684	ng	#	42
8) 2-Chlorophenol	6.504	128	743366	50.526	ng		94
9) Benzaldehyde	6.263	77	468825	76.897	ng		96
10) Phenol	6.381	94	864873	43.589	ng		78
11) bis(2-Chloroethyl)ether	6.451	93	693676	46.589	ng		98
12) 1,3-Dichlorobenzene	6.657	146	785108	50.192	ng		97
13) 1,4-Dichlorobenzene	6.734	146	792294	50.540	ng		97
14) 1,2-Dichlorobenzene	6.886	146	755060	52.243	ng		99
15) Benzyl Alcohol	6.869	79	606313	48.803	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1077977	41.684	ng		86
17) 2-Methylphenol	6.986	107	601324	44.635	ng		96
18) Hexachloroethane	7.228	117	272099	49.924	ng		98
19) n-Nitroso-di-n-propyla...	7.139	70	461676	41.232	ng		94
20) 3+4-Methylphenols	7.139	107	734644	46.305	ng	#	71
22) Acetophenone	7.128	105	982248	48.350	ng	#	92
24) Nitrobenzene	7.304	77	739095	44.891	ng		99
25) Isophorone	7.545	82	1388044	44.995	ng		99
26) 2-Nitrophenol	7.622	139	413928	52.125	ng		90
27) 2,4-Dimethylphenol	7.669	122	664787	48.821	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	848598	46.499	ng		99
29) 2,4-Dichlorophenol	7.869	162	606139	48.898	ng		96
30) 1,2,4-Trichlorobenzene	7.945	180	631348	49.162	ng		99
31) Naphthalene	8.022	128	2025916	46.204	ng		99
32) Benzoic acid	7.798	122	293271m	34.868	ng		
33) 4-Chloroaniline	8.075	127	427260	24.117	ng		99
34) Hexachlorobutadiene	8.139	225	347876	48.875	ng		98
35) Caprolactam	8.457	113	217353m	52.195	ng		
36) 4-Chloro-3-methylphenol	8.569	107	651670	48.750	ng		97
37) 2-Methylnaphthalene	8.716	142	1338022	44.635	ng		98
38) 1-Methylnaphthalene	8.816	142	1264324	45.085	ng		98
40) 1,2,4,5-Tetrachloroben...	8.886	216	574136	47.171	ng		100
41) Hexachlorocyclopentadiene	8.869	237	602221	84.838	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	400880	47.625	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	442876	45.493	ng		98
46) 1,1'-Biphenyl	9.180	154	1672048	46.580	ng		98
47) 2-Chloronaphthalene	9.204	162	1271407	48.391	ng		98
48) 2-Nitroaniline	9.304	65	394877	45.476	ng		98
49) Acenaphthylene	9.616	152	1949020	46.426	ng		100
50) Dimethylphthalate	9.486	163	1537001	48.693	ng		99
51) 2,6-Dinitrotoluene	9.545	165	348820	49.099	ng		94
52) Acenaphthene	9.786	154	1389612m	49.423	ng		
53) 3-Nitroaniline	9.716	138	285012	33.740	ng		96
54) 2,4-Dinitrophenol	9.827	184	293943	82.313	ng		93
55) Dibenzofuran	9.963	168	1708138	44.536	ng		99
56) 4-Nitrophenol	9.892	139	519544	79.409	ng		92
57) 2,4-Dinitrotoluene	9.951	165	444022	49.008	ng		94
58) Fluorene	10.304	166	1294156	46.056	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	352657	46.727	ng		97
60) Diethylphthalate	10.180	149	1422897	47.724	ng		100
61) 4-Chlorophenyl-phenyle...	10.298	204	633546	46.266	ng		98
62) 4-Nitroaniline	10.333	138	390248	50.264	ng		96
63) Azobenzene	10.457	77	1387582	43.933	ng		96
65) 4,6-Dinitro-2-methylph...	10.363	198	244232	49.753	ng		91
66) n-Nitrosodiphenylamine	10.416	169	1214631	46.235	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	407301	46.370	ng		98
68) Hexachlorobenzene	10.851	284	440569	48.949	ng		96
69) Atrazine	10.951	200	419415	55.407	ng		98
70) Pentachlorophenol	11.051	266	408477	63.723	ng		97
71) Phenanthrene	11.263	178	1998472	45.911	ng		99
72) Anthracene	11.316	178	2030935	45.591	ng		99
73) Carbazole	11.474	167	1803792	45.474	ng		99
74) Di-n-butylphthalate	11.804	149	2229157	49.660	ng		99
75) Fluoranthene	12.451	202	1919834	43.946	ng		98
77) Benzidine	12.568	184	470607	76.866	ng	#	93
78) Pyrene	12.680	202	1882935	60.670	ng		99
80) Butylbenzylphthalate	13.298	149	750024	68.252	ng		97
81) Benzo(a)anthracene	13.862	228	1169224	46.963	ng		99
82) 3,3'-Dichlorobenzidine	13.827	252	268628	39.057	ng		98
83) Chrysene	13.904	228	1163166	46.731	ng		100
84) Bis(2-ethylhexyl)phtha...	13.862	149	852165	61.782	ng		99
85) Di-n-octyl phthalate	14.468	149	1479129	65.767	ng		96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1703167	60.741	ng		99
88) Benzo(b)fluoranthene	14.892	252	1480675	47.214	ng		99
89) Benzo(k)fluoranthene	14.921	252	1201813	38.659	ng		98
90) Benzo(a)pyrene	15.239	252	1267151	44.392	ng		99
91) Dibenzo(a,h)anthracene	16.698	278	1409185	60.256	ng		98
92) Benzo(g,h,i)perylene	17.103	276	1426027	61.764	ng		97

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

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