Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011223\
Data File : BF132051.D
Acq On : 12 Jan 2023 20:23
Operator : CG\JU
Sample : 01124-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 13 01:38:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 23:59:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MH-4MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	59040	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	195445	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	94173	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	168822	20.000	ng		0.00
76) Chrysene-d12	13.963	240	121635	20.000	ng	#	0.00
86) Perylene-d12	15.427	264	96245	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	442621	123.534	ng		0.01
7) Phenol-d6	6.422	99	551825	116.158	ng		0.00
23) Nitrobenzene-d5	7.345	82	387661	82.321	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	116167	107.285	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	592873	84.988	ng		0.00
79) Terphenyl-d14	12.904	244	589721	69.489	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	68561	43.813	ng		99
3) Pyridine	3.216	79	193092	43.965	ng		99
4) n-Nitrosodimethylamine	3.187	42	99078	48.001	ng	#	90
6) Aniline	6.440	93	153341	24.532	ng	#	1
8) 2-Chlorophenol	6.563	128	169537	47.161	ng		98
9) Benzaldehyde	6.322	77	103698	32.805	ng		99
10) Phenol	6.434	94	232925	43.952	ng		94
11) bis(2-Chloroethyl)ether	6.510	93	181456	45.421	ng		97
12) 1,3-Dichlorobenzene	6.710	146	192398	48.051	ng		98
13) 1,4-Dichlorobenzene	6.793	146	195919	48.359	ng		98
14) 1,2-Dichlorobenzene	6.940	146	182384	47.401	ng		98
15) Benzyl Alcohol	6.928	79	182013	43.997	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	227356	45.096	ng	#	31
17) 2-Methylphenol	7.045	107	147955	41.589	ng		93
18) Hexachloroethane	7.281	117	72760	43.428	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	146359	42.589	ng		96
20) 3+4-Methylphenols	7.198	107	188726	41.321	ng	#	85
22) Acetophenone	7.193	105	274939	48.316	ng	#	92
24) Nitrobenzene	7.369	77	220573	46.009	ng		99
25) Isophorone	7.604	82	383129	43.550	ng		99
26) 2-Nitrophenol	7.681	139	85342	45.242	ng		97
27) 2,4-Dimethylphenol	7.728	122	148140	47.049	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	217325	44.635	ng		99
29) 2,4-Dichlorophenol	7.934	162	140751	43.643	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	170714	46.219	ng		98
31) Naphthalene	8.087	128	465699	45.087	ng		100
32) Benzoic acid	7.869	122	63470	34.770	ng		91
33) 4-Chloroaniline	8.140	127	61489	14.426	ng		96
34) Hexachlorobutadiene	8.198	225	118138	46.133	ng		98
35) Caprolactam	8.522	113	38360m	40.498	ng		
36) 4-Chloro-3-methylphenol	8.640	107	148382	39.200	ng		99
37) 2-Methylnaphthalene	8.781	142	295384	39.819	ng		99
38) 1-Methylnaphthalene	8.881	142	272431	39.639	ng		97
40) 1,2,4,5-Tetrachloroben...	8.945	216	166329	50.122	ng		98
41) Hexachlorocyclopentadiene	8.928	237	22260	19.914	ng		96
43) 2,4,6-Trichlorophenol	9.063	196	96682	48.403	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	99159	42.641	ng		98
46) 1,1'-Biphenyl	9.245	154	363975	50.075	ng		100
47) 2-Chloronaphthalene	9.269	162	279895	49.614	ng		98
48) 2-Nitroaniline	9.375	65	99370	48.495	ng		97
49) Acenaphthylene	9.686	152	409490	46.775	ng		99
50) Dimethylphthalate	9.551	163	345860	47.115	ng		100
51) 2,6-Dinitrotoluene	9.616	165	69469	44.995	ng	#	85
52) Acenaphthene	9.857	154	249534	47.485	ng		100
53) 3-Nitroaniline	9.786	138	47838	31.937	ng		99
54) 2,4-Dinitrophenol	9.904	184	13808	17.812	ng		96
55) Dibenzofuran	10.028	168	374321	45.189	ng		97
56) 4-Nitrophenol	9.969	139	74812	88.671	ng		96
57) 2,4-Dinitrotoluene	10.028	165	86436	41.874	ng		96
58) Fluorene	10.375	166	305984	46.242	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	74075	42.751	ng		92
60) Diethylphthalate	10.251	149	320826	44.447	ng		100
61) 4-Chlorophenyl-phenyle...	10.363	204	157900	41.684	ng		91
62) 4-Nitroaniline	10.404	138	51272	38.067	ng		93
63) Azobenzene	10.528	77	398642	52.062	ng		96
65) 4,6-Dinitro-2-methylph...	10.439	198	12587	11.561	ng		92
66) n-Nitrosodiphenylamine	10.486	169	244020	46.072	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	89565	42.409	ng		96
68) Hexachlorobenzene	10.922	284	96408	45.126	ng		99
69) Atrazine	11.016	200	88008	45.693	ng		98
70) Pentachlorophenol	11.128	266	82510m	72.836	ng		
71) Phenanthrene	11.339	178	619418	70.382	ng		99
72) Anthracene	11.392	178	472126	52.111	ng		99
73) Carbazole	11.551	167	356998	47.595	ng		99
74) Di-n-butylphthalate	11.875	149	463325	44.362	ng		99
75) Fluoranthene	12.533	202	820957	82.944	ng		99
77) Benzidine	12.657	184	138592	34.297	ng		96
78) Pyrene	12.763	202	770198	69.426	ng		99
80) Butylbenzylphthalate	13.380	149	191889	42.852	ng		97
81) Benzo(a)anthracene	13.957	228	543354	61.401	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	99845	36.151	ng		99
83) Chrysene	13.992	228	487317m	58.924	ng		
84) Bis(2-ethylhexyl)phtha...	13.933	149	273818	45.135	ng		99
85) Di-n-octyl phthalate	14.551	149	431739	52.006	ng		97
87) Indeno(1,2,3-cd)pyrene	16.892	276	313833	53.168	ng		98
88) Benzo(b)fluoranthene	15.004	252	422186	63.955	ng		99
89) Benzo(k)fluoranthene	15.033	252	343329	52.114	ng		99
90) Benzo(a)pyrene	15.368	252	338264	56.874	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	230980	46.680	ng		96
92) Benzo(g,h,i)perylene	17.327	276	252741	47.724	ng		97

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

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