Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131594.D
Acq On : 12 Dec 2022 15:59
Operator : CG\JU
Sample : N5964-09MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 04:15:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 04:12:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	62043	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	223107	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	128415	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	242568	20.000	ng		0.00
76) Chrysene-d12	14.104	240	137964	20.000	ng	#	0.00
86) Perylene-d12	15.615	264	136691	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	438171	117.821	ng		0.01
7) Phenol-d6	6.534	99	571053	117.177	ng		0.00
23) Nitrobenzene-d5	7.463	82	390625	66.194	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	168545	118.134	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	669263	65.713	ng		0.00
79) Terphenyl-d14	13.039	244	671790	66.778	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	73584	43.835	ng		98
3) Pyridine	3.487	79	196915	42.251	ng		98
4) n-Nitrosodimethylamine	3.457	42	109878	42.749	ng		100
6) Aniline	6.557	93	231475	39.715	ng		99
8) 2-Chlorophenol	6.681	128	185122	46.972	ng		93
9) Benzaldehyde	6.445	77	102457	30.689	ng		98
10) Phenol	6.545	94	265934m	48.921	ng		
11) bis(2-Chloroethyl)ether	6.628	93	189367	46.472	ng		98
12) 1,3-Dichlorobenzene	6.834	146	207119	45.328	ng		97
13) 1,4-Dichlorobenzene	6.910	146	212678	46.144	ng		98
14) 1,2-Dichlorobenzene	7.063	146	201939	45.866	ng		97
15) Benzyl Alcohol	7.039	79	203734	45.600	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	228032	43.322	ng		97
17) 2-Methylphenol	7.151	107	161110	45.359	ng		98
18) Hexachloroethane	7.404	117	84986	45.710	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	160860	44.019	ng		99
20) 3+4-Methylphenols	7.304	107	220379	45.553	ng	#	82
22) Acetophenone	7.304	105	308462	44.119	ng		94
24) Nitrobenzene	7.481	77	250623	42.108	ng		95
25) Isophorone	7.722	82	437879	46.066	ng		99
26) 2-Nitrophenol	7.798	139	98972	48.762	ng		93
27) 2,4-Dimethylphenol	7.834	122	167339	53.789	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	241452	49.103	ng		100
29) 2,4-Dichlorophenol	8.039	162	171182	44.501	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	202080	42.837	ng		98
31) Naphthalene	8.204	128	531422	42.290	ng		100
32) Benzoic acid	7.969	122	110208	48.915	ng		97
33) 4-Chloroaniline	8.257	127	115830	24.591	ng		96
34) Hexachlorobutadiene	8.316	225	135592	40.784	ng		99
35) Caprolactam	8.639	113	48425m	48.665	ng		
36) 4-Chloro-3-methylphenol	8.745	107	194783	45.094	ng		98
37) 2-Methylnaphthalene	8.898	142	367643	42.780	ng		99
38) 1-Methylnaphthalene	8.998	142	346365	41.985	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	217083	45.667	ng		98
41) Hexachlorocyclopentadiene	9.051	237	266625	110.503	ng		98
43) 2,4,6-Trichlorophenol	9.180	196	135638	46.131	ng		98

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44) 2,4,5-Trichlorophenol	9.228	196	141599	44.780	ng		99
46) 1,1'-Biphenyl	9.369	154	471619	46.450	ng		99
47) 2-Chloronaphthalene	9.392	162	375381	45.378	ng		98
48) 2-Nitroaniline	9.498	65	129966	44.352	ng		89
49) Acenaphthylene	9.816	152	558245	45.961	ng		99
50) Dimethylphthalate	9.675	163	436377	44.577	ng		99
51) 2,6-Dinitrotoluene	9.739	165	96751	47.874	ng	#	82
52) Acenaphthene	9.986	154	407052m	50.026	ng		
53) 3-Nitroaniline	9.910	138	57850	29.835	ng		99
54) 2,4-Dinitrophenol	10.016	184	101693	87.497	ng		92
55) Dibenzofuran	10.163	168	520865	45.305	ng		96
56) 4-Nitrophenol	10.080	139	136679	101.467	ng		89
57) 2,4-Dinitrotoluene	10.145	165	129921	48.462	ng		96
58) Fluorene	10.504	166	412591	44.144	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	118889m	44.400	ng		
60) Diethylphthalate	10.380	149	415823	44.264	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	227592	44.064	ng		93
62) 4-Nitroaniline	10.533	138	86801	45.174	ng		95
63) Azobenzene	10.657	77	455453	42.508	ng		98
65) 4,6-Dinitro-2-methylph...	10.557	198	68512	44.594	ng		78
66) n-Nitrosodiphenylamine	10.616	169	346797	44.223	ng		98
67) 4-Bromophenyl-phenylether	10.986	248	134628	43.144	ng		95
68) Hexachlorobenzene	11.051	284	146839	43.504	ng	#	93
69) Atrazine	11.151	200	130255	52.305	ng		96
70) Pentachlorophenol	11.251	266	153533	88.358	ng		97
71) Phenanthrene	11.474	178	583967	43.191	ng		100
72) Anthracene	11.527	178	599256	45.556	ng		99
73) Carbazole	11.680	167	492146	45.836	ng		99
74) Di-n-butylphthalate	12.010	149	601017	45.627	ng		100
75) Fluoranthene	12.669	202	606686	43.576	ng		99
77) Benzidine	12.792	184	227648	61.583	ng		98
78) Pyrene	12.898	202	597194	43.898	ng		99
80) Butylbenzylphthalate	13.515	149	209317	53.168	ng		99
81) Benzo(a)anthracene	14.092	228	452251	45.392	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	101401	35.772	ng		97
83) Chrysene	14.133	228	424566	44.823	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	267462	49.750	ng		99
85) Di-n-octyl phthalate	14.698	149	396487	45.429	ng		98
87) Indeno(1,2,3-cd)pyrene	17.156	276	451956	40.514	ng		99
88) Benzo(b)fluoranthene	15.168	252	406024	45.068	ng		100
89) Benzo(k)fluoranthene	15.198	252	412501	43.868	ng		99
90) Benzo(a)pyrene	15.551	252	356651	46.388	ng		100
91) Dibenzo(a,h)anthracene	17.180	278	384843	41.917	ng		98
92) Benzo(g,h,i)perylene	17.627	276	380780	41.267	ng		99

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

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