Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
Data File : BF134761.D
Acq On : 14 Aug 2023 16:04
Operator : CG\JU
Sample : 03975-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 15 00:31:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB03-Z96-98MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	171272	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	659101	20.000	ng	#	0.00
39) Acenaphthene-d10	9.833	164	314455	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	537148	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	320440	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	328505	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	1013539	89.955	ng		0.01
7) Phenol-d6	6.439	99	1291122	89.643	ng		0.00
23) Nitrobenzene-d5	7.363	82	782525	74.195	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	326716	101.921	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1337657	70.729	ng		0.00
79) Terphenyl-d14	12.915	244	1328769	73.101	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	189473	36.550	ng	#	94
3) Pyridine	3.375	79	477998	34.028	ng	#	89
4) n-Nitrosodimethylamine	3.340	42	245010	36.504	ng	#	59
6) Aniline	6.463	93	449715	23.805	ng		97
8) 2-Chlorophenol	6.586	128	512498	45.091	ng		94
9) Benzaldehyde	6.351	77	225439	29.559	ng		98
10) Phenol	6.457	94	600562	42.313	ng		91
11) bis(2-Chloroethyl)ether	6.539	93	465722	41.305	ng		94
12) 1,3-Dichlorobenzene	6.739	146	510432	43.406	ng		96
13) 1,4-Dichlorobenzene	6.816	146	521184	44.222	ng		97
14) 1,2-Dichlorobenzene	6.969	146	494794	45.059	ng		96
15) Benzyl Alcohol	6.945	79	416553	41.923	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	697754	39.501	ng		91
17) 2-Methylphenol	7.057	107	390263	38.857	ng		93
18) Hexachloroethane	7.310	117	163388	39.500	ng		93
19) n-Nitroso-di-n-propyla...	7.216	70	319342	37.032	ng		92
20) 3+4-Methylphenols	7.210	107	447008	36.904	ng	#	90
22) Acetophenone	7.210	105	610917	40.150	ng	#	92
24) Nitrobenzene	7.381	77	496993	43.618	ng		96
25) Isophorone	7.622	82	917833	39.899	ng		100
26) 2-Nitrophenol	7.698	139	246520	50.560	ng	#	85
27) 2,4-Dimethylphenol	7.733	122	401623	39.129	ng		87
28) bis(2-Chloroethoxy)met...	7.833	93	560635	40.741	ng		100
29) 2,4-Dichlorophenol	7.939	162	399328	42.866	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	433366	43.624	ng		97
31) Naphthalene	8.104	128	1348587	40.712	ng		99
32) Benzoic acid	7.863	122	281463m	43.015	ng		
33) 4-Chloroaniline	8.151	127	154558	10.472	ng		96
34) Hexachlorobutadiene	8.216	225	248585	43.382	ng		96
35) Caprolactam	8.528	113	133063m	44.273	ng		
36) 4-Chloro-3-methylphenol	8.639	107	418874	42.457	ng		92
37) 2-Methylnaphthalene	8.792	142	838263	38.178	ng		99
38) 1-Methylnaphthalene	8.892	142	796158	38.994	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	405422	44.337	ng		99
41) Hexachlorocyclopentadiene	8.945	237	236349	53.152	ng		93
43) 2,4,6-Trichlorophenol	9.075	196	272675	45.564	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	284750	41.632	ng		91
46) 1,1'-Biphenyl	9.257	154	1047071	42.820	ng		98
47) 2-Chloronaphthalene	9.280	162	787576	42.984	ng		99
48) 2-Nitroaniline	9.380	65	259008	45.517	ng		92
49) Acenaphthylene	9.698	152	1214997	42.186	ng		99
50) Dimethylphthalate	9.563	163	957103	44.657	ng		98
51) 2,6-Dinitrotoluene	9.627	165	209856	47.800	ng	#	77
52) Acenaphthene	9.869	154	809198m	43.355	ng		
53) 3-Nitroaniline	9.792	138	140503	29.412	ng		99
54) 2,4-Dinitrophenol	9.904	184	136489	78.796	ng	#	83
55) Dibenzofuran	10.045	168	1061291	39.943	ng		94
56) 4-Nitrophenol	9.963	139	336056	86.013	ng	#	68
57) 2,4-Dinitrotoluene	10.033	165	257353	48.490	ng	#	83
58) Fluorene	10.386	166	778552	40.229	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	236876	43.775	ng		96
60) Diethylphthalate	10.263	149	872035	42.926	ng		97
61) 4-Chlorophenyl-phenyle...	10.380	204	394795	41.502	ng		93
62) 4-Nitroaniline	10.410	138	196902	42.053	ng		86
63) Azobenzene	10.539	77	820109	37.574	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	98826	45.969	ng		79
66) n-Nitrosodiphenylamine	10.498	169	736311	43.067	ng		98
67) 4-Bromophenyl-phenylether	10.869	248	257490	43.790	ng		98
68) Hexachlorobenzene	10.933	284	279588	45.028	ng		97
69) Atrazine	11.033	200	246213	53.429	ng		98
70) Pentachlorophenol	11.127	266	273864	71.234	ng		96
71) Phenanthrene	11.351	178	1188164	41.644	ng		100
72) Anthracene	11.404	178	1185635	40.683	ng		99
73) Carbazole	11.557	167	1054044	40.507	ng		99
74) Di-n-butylphthalate	11.898	149	1255401	45.412	ng		100
75) Fluoranthene	12.545	202	1189230	39.460	ng		98
77) Benzidine	12.668	184	516744	74.287	ng		99
78) Pyrene	12.774	202	1208959	43.600	ng		97
80) Butylbenzylphthalate	13.398	149	456277	48.664	ng	#	95
81) Benzo(a)anthracene	13.962	228	899577	39.261	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	257490	38.769	ng	#	97
83) Chrysene	14.004	228	891050	39.916	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	517516	46.902	ng		97
85) Di-n-octyl phthalate	14.574	149	882667	52.605	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	929718	48.122	ng	#	92
88) Benzo(b)fluoranthene	15.015	252	815561	40.706	ng	#	97
89) Benzo(k)fluoranthene	15.045	252	805162	40.342	ng	#	98
90) Benzo(a)pyrene	15.380	252	738671	39.542	ng	#	95
91) Dibenzo(a,h)anthracene	16.962	278	773211	49.521	ng	#	95
92) Benzo(g,h,i)perylene	17.392	276	741109	46.532	ng	#	93

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

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