Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134940.D
Acq On : 25 Aug 2023 14:47
Operator : CG\JU
Sample : 04146-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 25 15:08:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
72-12013MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	79139	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	310832	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	153297	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	289144	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	173839	20.000	ng		0.00
86) Perylene-d12	15.439	264	186721	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	426629	85.966	ng		0.00
7) Phenol-d6	6.428	99	516923	81.514	ng		-0.01
23) Nitrobenzene-d5	7.351	82	308234	54.643	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	143015	79.213	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	539016	54.356	ng		-0.01
79) Terphenyl-d14	12.910	244	599111	47.401	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	87968	40.844	ng		99
3) Pyridine	3.263	79	223012	38.424	ng		99
4) n-Nitrosodimethylamine	3.216	42	117752	45.887	ng		98
6) Aniline	6.451	93	266086	33.949	ng		99
8) 2-Chlorophenol	6.575	128	248345	47.690	ng		99
9) Benzaldehyde	6.340	77	95858	27.561	ng		98
10) Phenol	6.440	94	307726	47.396	ng		89
11) bis(2-Chloroethyl)ether	6.528	93	228658	46.428	ng		99
12) 1,3-Dichlorobenzene	6.728	146	264839	48.762	ng		97
13) 1,4-Dichlorobenzene	6.804	146	269846	49.640	ng		98
14) 1,2-Dichlorobenzene	6.957	146	255650	50.737	ng		97
15) Benzyl Alcohol	6.934	79	210140	47.692	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	319326	44.775	ng		99
17) 2-Methylphenol	7.045	107	191588	42.510	ng		99
18) Hexachloroethane	7.298	117	82928	42.151	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	160845	43.428	ng		99
20) 3+4-Methylphenols	7.198	107	238646	49.743	ng		96
22) Acetophenone	7.198	105	324330	47.208	ng	#	95
24) Nitrobenzene	7.369	77	245308	43.339	ng		99
25) Isophorone	7.610	82	446669	42.406	ng		98
26) 2-Nitrophenol	7.687	139	107727	38.229	ng		93
27) 2,4-Dimethylphenol	7.728	122	194912	42.408	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	273688	43.596	ng		100
29) 2,4-Dichlorophenol	7.928	162	194386	42.805	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	221589	45.962	ng		99
31) Naphthalene	8.092	128	694609	44.754	ng		99
32) Benzoic acid	7.840	122	131387	38.736	ng		97
33) 4-Chloroaniline	8.139	127	172054	25.837	ng		98
34) Hexachlorobutadiene	8.204	225	131554	45.880	ng		99
35) Caprolactam	8.504	113	65509m	46.211	ng		
36) 4-Chloro-3-methylphenol	8.628	107	204803	42.736	ng		99
37) 2-Methylnaphthalene	8.781	142	439582	42.469	ng		99
38) 1-Methylnaphthalene	8.881	142	412116	42.580	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	211982	45.381	ng		99
41) Hexachlorocyclopentadiene	8.934	237	142323	68.818	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	133830	43.381	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	143213	40.097	ng		96
46) 1,1'-Biphenyl	9.245	154	547243	45.217	ng		99
47) 2-Chloronaphthalene	9.269	162	405029	44.813	ng		98
48) 2-Nitroaniline	9.369	65	135809	45.711	ng		95
49) Acenaphthylene	9.686	152	652952	46.911	ng		100
50) Dimethylphthalate	9.551	163	492565	45.140	ng		99
51) 2,6-Dinitrotoluene	9.616	165	106071	44.073	ng		95
52) Acenaphthene	9.863	154	391173	44.611	ng		100
53) 3-Nitroaniline	9.781	138	111594	42.453	ng		97
54) 2,4-Dinitrophenol	9.892	184	77856	68.371	ng	#	88
55) Dibenzofuran	10.033	168	582458	45.624	ng		98
56) 4-Nitrophenol	9.951	139	173051	94.467	ng		98
57) 2,4-Dinitrotoluene	10.022	165	137576	46.223	ng		95
58) Fluorene	10.381	166	451869	46.668	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	121544	43.678	ng		98
60) Diethylphthalate	10.257	149	472764	47.289	ng		97
61) 4-Chlorophenyl-phenyle...	10.369	204	220848	45.499	ng		95
62) 4-Nitroaniline	10.398	138	118432	48.196	ng		99
63) Azobenzene	10.533	77	441477	44.452	ng		96
65) 4,6-Dinitro-2-methylph...	10.428	198	58588	34.340	ng		96
66) n-Nitrosodiphenylamine	10.492	169	404756	43.470	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	142620	42.754	ng		95
68) Hexachlorobenzene	10.928	284	157747	44.463	ng		96
69) Atrazine	11.022	200	137014	54.189	ng		99
70) Pentachlorophenol	11.122	266	142856	66.909	ng		97
71) Phenanthrene	11.345	178	709416	46.821	ng		99
72) Anthracene	11.392	178	705610	45.452	ng		99
73) Carbazole	11.551	167	624511	48.819	ng		99
74) Di-n-butylphthalate	11.892	149	746101	50.854	ng		99
75) Fluoranthene	12.539	202	769460	53.597	ng		99
77) Benzidine	12.663	184	164311	58.256	ng		100
78) Pyrene	12.769	202	755783	41.005	ng		99
80) Butylbenzylphthalate	13.398	149	277194	49.362	ng		99
81) Benzo(a)anthracene	13.963	228	541445	45.651	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	158659	42.265	ng		99
83) Chrysene	13.998	228	527803	45.102	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	339245	55.769	ng		100
85) Di-n-octyl phthalate	14.580	149	539886	54.428	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	550397	41.239	ng		99
88) Benzo(b)fluoranthene	15.015	252	520602	49.418	ng		98
89) Benzo(k)fluoranthene	15.045	252	488566	47.228	ng		99
90) Benzo(a)pyrene	15.380	252	458809	43.627	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	457925	42.404	ng		98
92) Benzo(g,h,i)perylene	17.386	276	426897	38.617	ng		99

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

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