Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137981.D
Acq On : 21 May 2024 16:40
Operator : CG\JU
Sample : P2525-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 21 17:03:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-MH-AAMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.033	152	106580	20.000	ng		-0.01
21) Naphthalene-d8	8.316	136	410258	20.000	ng		-0.01
39) Acenaphthene-d10	10.080	164	226900	20.000	ng		0.00
64) Phenanthrene-d10	11.574	188	381299	20.000	ng		0.00
76) Chrysene-d12	14.227	240	303748	20.000	ng		0.00
86) Perylene-d12	15.786	264	301632	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.657	112	611121	97.399	ng		0.00
7) Phenol-d6	6.645	99	757713	98.034	ng		-0.01
23) Nitrobenzene-d5	7.592	82	455724	65.372	ng		-0.02
42) 2,4,6-Tribromophenol	10.874	330	244607	106.917	ng		0.00
45) 2-Fluorobiphenyl	9.392	172	993406	67.441	ng		0.00
79) Terphenyl-d14	13.162	244	1140626	55.344	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.940	88	104666	38.507	ng		98
3) Pyridine	3.710	79	245287	40.218	ng		99
4) n-Nitrosodimethylamine	3.669	42	115310	42.858	ng		100
6) Aniline	6.692	93	174038	25.175	ng		100
8) 2-Chlorophenol	6.816	128	302659	44.573	ng		98
9) Benzaldehyde	6.581	77	55665	13.312	ng		96
10) Phenol	6.663	94	349203	44.762	ng		93
11) bis(2-Chloroethyl)ether	6.763	93	267381	44.638	ng		99
12) 1,3-Dichlorobenzene	6.975	146	330549	42.075	ng		99
13) 1,4-Dichlorobenzene	7.051	146	336643	42.690	ng		99
14) 1,2-Dichlorobenzene	7.204	146	320536	43.188	ng		98
15) Benzyl Alcohol	7.169	79	238030	46.120	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.292	45	341805	46.421	ng		98
17) 2-Methylphenol	7.269	107	235726	43.531	ng		99
18) Hexachloroethane	7.545	117	113510	42.537	ng		97
19) n-Nitroso-di-n-propyla...	7.433	70	193007	44.447	ng		98
20) 3+4-Methylphenols	7.422	107	307858	43.396	ng		98
22) Acetophenone	7.439	105	408781	44.479	ng	#	99
24) Nitrobenzene	7.616	77	296502	41.926	ng		98
25) Isophorone	7.845	82	542940	44.875	ng		99
26) 2-Nitrophenol	7.928	139	158869	44.708	ng		96
27) 2,4-Dimethylphenol	7.951	122	213537	46.675	ng		97
28) bis(2-Chloroethoxy)met...	8.057	93	332125	45.293	ng		99
29) 2,4-Dichlorophenol	8.163	162	256315	44.553	ng		98
30) 1,2,4-Trichlorobenzene	8.257	180	274153	42.680	ng		98
31) Naphthalene	8.339	128	889033	43.099	ng		100
32) Benzoic acid	8.051	122	164019	42.411	ng		97
33) 4-Chloroaniline	8.380	127	70288	10.394	ng		98
34) Hexachlorobutadiene	8.451	225	169032	41.575	ng		98
35) Caprolactam	8.745	113	78410m	47.043	ng		
36) 4-Chloro-3-methylphenol	8.857	107	263555	45.034	ng		96
37) 2-Methylnaphthalene	9.033	142	583614	44.015	ng		98
38) 1-Methylnaphthalene	9.133	142	538947	41.345	ng		100
40) 1,2,4,5-Tetrachloroben...	9.198	216	279687	45.341	ng		99
41) Hexachlorocyclopentadiene	9.180	237	294955	125.840	ng		100
43) 2,4,6-Trichlorophenol	9.304	196	186717	46.165	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.345	196	197042	44.525	ng		96
46) 1,1'-Biphenyl	9.498	154	723058	45.434	ng		99
47) 2-Chloronaphthalene	9.527	162	554065	43.614	ng		99
48) 2-Nitroaniline	9.616	65	149345	45.908	ng		99
49) Acenaphthylene	9.945	152	865909	47.404	ng		99
50) Dimethylphthalate	9.792	163	646786	45.457	ng		100
51) 2,6-Dinitrotoluene	9.857	165	143014	43.794	ng		96
52) Acenaphthene	10.116	154	571543	47.340	ng		100
53) 3-Nitroaniline	10.027	138	89507	28.037	ng		99
54) 2,4-Dinitrophenol	10.133	184	123594	70.922	ng	#	83
55) Dibenzofuran	10.286	168	788492	44.875	ng		99
56) 4-Nitrophenol	10.180	139	234048	102.073	ng		96
57) 2,4-Dinitrotoluene	10.263	165	192220	45.531	ng		93
58) Fluorene	10.633	166	616154	44.335	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.398	232	163959	47.161	ng		98
60) Diethylphthalate	10.492	149	618885	46.573	ng		99
61) 4-Chlorophenyl-phenyle...	10.621	204	309660	45.182	ng		95
62) 4-Nitroaniline	10.645	138	148157	48.929	ng		98
63) Azobenzene	10.780	77	562630	46.548	ng		98
65) 4,6-Dinitro-2-methylph...	10.669	198	94705	43.016	ng		95
66) n-Nitrosodiphenylamine	10.739	169	537577	45.973	ng		99
67) 4-Bromophenyl-phenylether	11.116	248	190872	45.662	ng		92
68) Hexachlorobenzene	11.180	284	203588	44.060	ng		97
69) Atrazine	11.263	200	179998	56.372	ng		99
70) Pentachlorophenol	11.374	266	244957	90.503	ng		97
71) Phenanthrene	11.604	178	865482	46.061	ng		100
72) Anthracene	11.651	178	877644	47.076	ng		99
73) Carbazole	11.804	167	808928	47.499	ng		99
74) Di-n-butylphthalate	12.121	149	958446	50.711	ng		99
75) Fluoranthene	12.792	202	919086	48.190	ng		98
77) Benzidine	12.910	184	286890	72.271	ng		98
78) Pyrene	13.027	202	939651	35.369	ng		100
80) Butylbenzylphthalate	13.633	149	392789	49.017	ng		96
81) Benzo(a)anthracene	14.215	228	893149	46.477	ng		100
82) 3,3'-Dichlorobenzidine	14.174	252	148977	27.974	ng		99
83) Chrysene	14.257	228	836093	45.493	ng		99
84) Bis(2-ethylhexyl)phtha...	14.186	149	568630	56.449	ng		99
85) Di-n-octyl phthalate	14.809	149	960476	70.579	ng		99
87) Indeno(1,2,3-cd)pyrene	17.409	276	705430	36.402	ng		99
88) Benzo(b)fluoranthene	15.321	252	827266	47.368	ng		99
89) Benzo(k)fluoranthene	15.351	252	815574	47.535	ng		99
90) Benzo(a)pyrene	15.721	252	738455	49.517	ng		98
91) Dibenzo(a,h)anthracene	17.433	278	586938	36.658	ng		99
92) Benzo(g,h,i)perylene	17.909	276	486625	28.932	ng		99

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

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