Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137092.D
Acq On : 17 Jan 2024 14:31
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 17 14:51:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
01/18/2024
Supervised By :mohammad ahmed
01/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	53412	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	199278	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	101551	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	188885	20.000	ng		0.00
76) Chrysene-d12	13.974	240	94335	20.000	ng		0.00
86) Perylene-d12	15.463	264	93748	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	277646	81.107	ng		0.00
7) Phenol-d6	6.440	99	349860	78.874	ng		0.00
23) Nitrobenzene-d5	7.351	82	316491	81.269	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	90399	75.585	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	630443	83.499	ng		-0.01
79) Terphenyl-d14	12.910	244	592712	87.804	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	56545	39.644	ng		96
3) Pyridine	3.293	79	135179	38.844	ng		93
4) n-Nitrosodimethylamine	3.263	42	67545	36.345	ng		98
6) Aniline	6.451	93	166892	37.632	ng	#	22
8) 2-Chlorophenol	6.581	128	147795	39.453	ng		92
9) Benzaldehyde	6.345	77	97813	38.768	ng		98
10) Phenol	6.451	94	184667	39.000	ng		89
11) bis(2-Chloroethyl)ether	6.528	93	138636	38.499	ng		96
12) 1,3-Dichlorobenzene	6.722	146	164740	40.312	ng		97
13) 1,4-Dichlorobenzene	6.804	146	165954	39.744	ng		95
14) 1,2-Dichlorobenzene	6.951	146	157324	40.490	ng		98
15) Benzyl Alcohol	6.934	79	115659	38.650	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	213268	36.225	ng		85
17) 2-Methylphenol	7.051	107	118053	38.040	ng		95
18) Hexachloroethane	7.287	117	59523	39.251	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	103458	38.476	ng		99
20) 3+4-Methylphenols	7.204	107	156097	40.261	ng	#	63
22) Acetophenone	7.198	105	204529	40.948	ng	#	91
24) Nitrobenzene	7.369	77	158184	40.548	ng		97
25) Isophorone	7.604	82	277682	39.186	ng		99
26) 2-Nitrophenol	7.687	139	80269	43.006	ng		96
27) 2,4-Dimethylphenol	7.728	122	93312	41.065	ng		95
28) bis(2-Chloroethoxy)met...	7.816	93	171209	39.748	ng		99
29) 2,4-Dichlorophenol	7.928	162	119565	40.871	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	134859	41.375	ng		98
31) Naphthalene	8.087	128	450625	41.161	ng		99
32) Benzoic acid	7.863	122	80751m	36.728	ng		
33) 4-Chloroaniline	8.139	127	158867	39.303	ng		96
34) Hexachlorobutadiene	8.192	225	81733	41.272	ng		98
35) Caprolactam	8.522	113	39449	40.877	ng		86
36) 4-Chloro-3-methylphenol	8.634	107	128275	38.949	ng		98
37) 2-Methylnaphthalene	8.775	142	285699	40.550	ng		100
38) 1-Methylnaphthalene	8.875	142	282226	40.829	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	132166	42.024	ng		98
41) Hexachlorocyclopentadiene	8.922	237	48762	50.549	ng		100
43) 2,4,6-Trichlorophenol	9.063	196	79578	39.455	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	85969	38.249	ng	97
46) 1,1'-Biphenyl	9.239	154	358567	42.077	ng	98
47) 2-Chloronaphthalene	9.269	162	271536	41.915	ng	96
48) 2-Nitroaniline	9.375	65	79439	39.158	ng	87
49) Acenaphthylene	9.681	152	409223	41.327	ng	99
50) Dimethylphthalate	9.545	163	298093	40.188	ng	100
51) 2,6-Dinitrotoluene	9.616	165	67687	40.208	ng	98
52) Acenaphthene	9.857	154	254393	41.445	ng	97
53) 3-Nitroaniline	9.786	138	68737	38.545	ng	94
54) 2,4-Dinitrophenol	9.904	184	35936	40.454	ng	95
55) Dibenzofuran	10.028	168	375194	40.324	ng	98
56) 4-Nitrophenol	9.969	139	43222	35.904	ng	95
57) 2,4-Dinitrotoluene	10.028	165	85817	39.268	ng	95
58) Fluorene	10.375	166	307705	41.679	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	63082	36.460	ng	95
60) Diethylphthalate	10.245	149	296510	38.527	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	147772	41.179	ng	95
62) 4-Nitroaniline	10.404	138	62759	36.507	ng	93
63) Azobenzene	10.522	77	279226	38.845	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	40865	37.751	ng	89
66) n-Nitrosodiphenylamine	10.486	169	258528	42.134	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	86710	41.336	ng	94
68) Hexachlorobenzene	10.922	284	97837	41.852	ng	98
69) Atrazine	11.016	200	60363	38.463	ng	98
70) Pentachlorophenol	11.128	266	36010	33.048	ng	94
71) Phenanthrene	11.339	178	395483	40.806	ng	100
72) Anthracene	11.392	178	401198	40.875	ng	99
73) Carbazole	11.551	167	368117	39.779	ng	100
74) Di-n-butylphthalate	11.875	149	447670	39.645	ng	99
75) Fluoranthene	12.533	202	408604	39.414	ng	98
77) Benzidine	12.663	184	88732	31.900	ng	98
78) Pyrene	12.769	202	404005	43.626	ng	99
80) Butylbenzylphthalate	13.386	149	144396	42.852	ng	93
81) Benzo(a)anthracene	13.963	228	271365	41.426	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	77068	41.428	ng	95
83) Chrysene	13.998	228	262831	41.031	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	187196	44.154	ng	97
85) Di-n-octyl phthalate	14.563	149	267934	40.855	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	304907	45.046	ng	100
88) Benzo(b)fluoranthene	15.027	252	236626	37.791	ng	98
89) Benzo(k)fluoranthene	15.057	252	227966	38.530	ng	99
90) Benzo(a)pyrene	15.404	252	214156	40.519	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	249465	44.924	ng	99
92) Benzo(g,h,i)perylene	17.457	276	264228	46.457	ng	99

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

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