Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF136989.D
Acq On : 08 Jan 2024 10:39
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 08 11:00:50 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 :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	71646	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	273505	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	138981	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	242393	20.000	ng		0.00
76) Chrysene-d12	13.974	240	113262	20.000	ng	#	0.00
86) Perylene-d12	15.457	264	123957	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	369855	80.546	ng		0.00
7) Phenol-d6	6.445	99	459521	77.231	ng		0.00
23) Nitrobenzene-d5	7.357	82	421273	78.818	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	120481	73.607	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	832896	80.603	ng		0.00
79) Terphenyl-d14	12.910	244	709412	87.530	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	75479	39.451	ng		94
3) Pyridine	3.299	79	179734	38.503	ng		91
4) n-Nitrosodimethylamine	3.275	42	90807	36.427	ng		97
6) Aniline	6.457	93	217073	36.490	ng	#	29
8) 2-Chlorophenol	6.581	128	201286	40.057	ng		94
9) Benzaldehyde	6.345	77	126618	37.413	ng		98
10) Phenol	6.457	94	240604	37.881	ng		91
11) bis(2-Chloroethyl)ether	6.528	93	187561	38.830	ng		99
12) 1,3-Dichlorobenzene	6.728	146	217385	39.656	ng		97
13) 1,4-Dichlorobenzene	6.804	146	221549	39.554	ng		99
14) 1,2-Dichlorobenzene	6.957	146	205356	39.401	ng		99
15) Benzyl Alcohol	6.939	79	155455	38.728	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	290505	36.786	ng		71
17) 2-Methylphenol	7.057	107	155287	37.303	ng	#	89
18) Hexachloroethane	7.292	117	78561	38.621	ng		90
19) n-Nitroso-di-n-propyla...	7.204	70	139249	38.607	ng		98
20) 3+4-Methylphenols	7.210	107	203483	39.126	ng	#	54
22) Acetophenone	7.198	105	276962	40.401	ng	#	88
24) Nitrobenzene	7.375	77	208964	39.028	ng		96
25) Isophorone	7.610	82	375292	38.588	ng		98
26) 2-Nitrophenol	7.686	139	105948	41.359	ng		97
27) 2,4-Dimethylphenol	7.728	122	127638	40.927	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	233622	39.518	ng		100
29) 2,4-Dichlorophenol	7.934	162	162614	40.501	ng		95
30) 1,2,4-Trichlorobenzene	8.004	180	182888	40.882	ng		97
31) Naphthalene	8.086	128	598684	39.844	ng		99
32) Benzoic acid	7.875	122	115842m	38.389	ng		
33) 4-Chloroaniline	8.139	127	214184	38.607	ng		97
34) Hexachlorobutadiene	8.198	225	110947	40.820	ng		98
35) Caprolactam	8.528	113	55181m	41.660	ng		
36) 4-Chloro-3-methylphenol	8.633	107	175664	38.863	ng		96
37) 2-Methylnaphthalene	8.781	142	385179	39.832	ng		99
38) 1-Methylnaphthalene	8.875	142	375351	39.564	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	179900	41.797	ng		99
41) Hexachlorocyclopentadiene	8.928	237	59949	45.907	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	110570	40.057	ng		99

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44) 2,4,5-Trichlorophenol	9.116	196	119691	38.911	ng		99
46) 1,1'-Biphenyl	9.245	154	471478	40.426	ng		99
47) 2-Chloronaphthalene	9.269	162	359787	40.580	ng		99
48) 2-Nitroaniline	9.375	65	104033	37.470	ng		92
49) Acenaphthylene	9.686	152	529107	39.043	ng		99
50) Dimethylphthalate	9.545	163	387205	38.143	ng		98
51) 2,6-Dinitrotoluene	9.616	165	89037	38.646	ng		89
52) Acenaphthene	9.857	154	332255	39.552	ng		99
53) 3-Nitroaniline	9.792	138	91118	37.335	ng		87
54) 2,4-Dinitrophenol	9.904	184	44673	37.088	ng		90
55) Dibenzofuran	10.033	168	486868	38.234	ng		96
56) 4-Nitrophenol	9.969	139	54445	33.047	ng		98
57) 2,4-Dinitrotoluene	10.028	165	108593	36.308	ng	#	95
58) Fluorene	10.375	166	392447	38.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	83055	35.076	ng		96
60) Diethylphthalate	10.251	149	389043	36.936	ng		97
61) 4-Chlorophenyl-phenyle...	10.363	204	190665	38.823	ng		99
62) 4-Nitroaniline	10.410	138	81276m	34.545	ng		
63) Azobenzene	10.527	77	359374	36.530	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	53371	38.420	ng		94
66) n-Nitrosodiphenylamine	10.492	169	332977	42.288	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	114459	42.519	ng		96
68) Hexachlorobenzene	10.927	284	127015	42.339	ng		93
69) Atrazine	11.022	200	77665	38.564	ng		95
70) Pentachlorophenol	11.127	266	51029	36.493	ng		99
71) Phenanthrene	11.339	178	497412	39.993	ng		99
72) Anthracene	11.392	178	504119	40.023	ng		99
73) Carbazole	11.557	167	451120	37.988	ng		99
74) Di-n-butylphthalate	11.880	149	565485	39.023	ng		99
75) Fluoranthene	12.533	202	492139	36.993	ng		97
77) Benzidine	12.663	184	161879	48.472	ng		99
78) Pyrene	12.769	202	482871	43.429	ng		100
80) Butylbenzylphthalate	13.386	149	169049	41.785	ng		99
81) Benzo(a)anthracene	13.963	228	319927	40.678	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	94651	42.377	ng		98
83) Chrysene	13.998	228	307595	39.994	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	222654	43.741	ng		98
85) Di-n-octyl phthalate	14.563	149	327154	41.549	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	406720	45.444	ng		100
88) Benzo(b)fluoranthene	15.021	252	313215	37.832	ng		98
89) Benzo(k)fluoranthene	15.051	252	270397	34.564	ng		99
90) Benzo(a)pyrene	15.398	252	273227	39.097	ng		100
91) Dibenzo(a,h)anthracene	16.998	278	332480	45.282	ng		97
92) Benzo(g,h,i)perylene	17.445	276	344431	45.800	ng		95

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

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