Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136782.D
Acq On : 28 Dec 2023 03:40
Operator : CG\JU
Sample : 05940-05MS 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 28 04:10:06 2023
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 :
PL-04-122023MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/28/2023
Supervised By :Sohil Jodhani
12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	66969	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	225826	20.000	ng	#	0.00
39) Acenaphthene-d10	9.816	164	95366	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	170036	20.000	ng		0.00
76) Chrysene-d12	13.969	240	149384	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	119847	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	70001	16.309	ng		0.00
7) Phenol-d6	6.428	99	86901	15.625	ng		-0.01
23) Nitrobenzene-d5	7.340	82	50716	11.492	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	17151	15.270	ng		-0.01
45) 2-Fluorobiphenyl	9.134	172	97561	13.759	ng		-0.02
79) Terphenyl-d14	12.904	244	98164	9.183	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	13895	7.770	ng		97
3) Pyridine	3.305	79	29084	6.666	ng		98
4) n-Nitrosodimethylamine	3.234	42	18189	7.806	ng	#	97
6) Aniline	6.446	93	26469	4.760	ng	#	43
8) 2-Chlorophenol	6.575	128	37908	8.071	ng		97
9) Benzaldehyde	6.340	77	9915	3.134	ng		97
10) Phenol	6.440	94	46283	7.796	ng		89
11) bis(2-Chloroethyl)ether	6.516	93	37867	8.387	ng		98
12) 1,3-Dichlorobenzene	6.722	146	41044	8.010	ng		98
13) 1,4-Dichlorobenzene	6.798	146	42545	8.126	ng		99
14) 1,2-Dichlorobenzene	6.951	146	38905	7.986	ng		97
15) Benzyl Alcohol	6.928	79	29902	7.970	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.057	45	59960	8.123	ng		99
17) 2-Methylphenol	7.040	107	30189	7.758	ng		96
18) Hexachloroethane	7.287	117	13292	6.991	ng		99
19) n-Nitroso-di-n-propyla...	7.187	70	26437	7.842	ng		97
20) 3+4-Methylphenols	7.198	107	37784	7.772	ng	#	59
22) Acetophenone	7.187	105	55263	9.763	ng	#	87
24) Nitrobenzene	7.363	77	37965	8.588	ng		97
25) Isophorone	7.598	82	68608	8.544	ng		98
26) 2-Nitrophenol	7.681	139	12302	5.816	ng		93
27) 2,4-Dimethylphenol	7.722	122	26862	10.432	ng		94
28) bis(2-Chloroethoxy)met...	7.810	93	42963	8.802	ng		98
29) 2,4-Dichlorophenol	7.928	162	24752	7.466	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	31353	8.488	ng		99
31) Naphthalene	8.081	128	113613	9.158	ng		99
32) Benzoic acid	7.816	122	13104m	5.259	ng		
33) 4-Chloroaniline	8.134	127	26316	5.745	ng		95
34) Hexachlorobutadiene	8.198	225	18996	8.465	ng		95
35) Caprolactam	8.475	113	7752	7.088	ng		95
36) 4-Chloro-3-methylphenol	8.622	107	26382	7.069	ng		97
37) 2-Methylnaphthalene	8.775	142	65893	8.253	ng		96
38) 1-Methylnaphthalene	8.875	142	63551	8.113	ng		97
40) 1,2,4,5-Tetrachloroben...	8.939	216	28534	9.661	ng		98
41) Hexachlorocyclopentadiene	8.922	237	262	5.159	ng	#	38
43) 2,4,6-Trichlorophenol	9.057	196	16920	8.933	ng		94

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44) 2,4,5-Trichlorophenol	9.104	196	17355	8.222	ng		99
46) 1,1'-Biphenyl	9.239	154	81971	10.243	ng		96
47) 2-Chloronaphthalene	9.263	162	55110	9.059	ng		98
48) 2-Nitroaniline	9.363	65	16606	8.717	ng		93
49) Acenaphthylene	9.675	152	98563	10.599	ng		99
50) Dimethylphthalate	9.534	163	65785	9.444	ng		99
51) 2,6-Dinitrotoluene	9.604	165	11976	7.575	ng		98
52) Acenaphthene	9.851	154	55430	9.616	ng		100
53) 3-Nitroaniline	9.775	138	13851	8.271	ng		91
55) Dibenzofuran	10.022	168	85264	9.758	ng		97
56) 4-Nitrophenol	9.957	139	15636	13.831	ng		95
57) 2,4-Dinitrotoluene	10.010	165	14798	7.210	ng	#	94
58) Fluorene	10.369	166	75434	10.880	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	13824m	8.508	ng		
60) Diethylphthalate	10.239	149	66203	9.160	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	29882	8.867	ng		98
62) 4-Nitroaniline	10.381	138	13390m	8.294	ng		
63) Azobenzene	10.522	77	54249	8.036	ng		94
66) n-Nitrosodiphenylamine	10.475	169	53417	9.671	ng		98
67) 4-Bromophenyl-phenylether	10.851	248	16195	8.576	ng		95
68) Hexachlorobenzene	10.916	284	16661	7.917	ng		96
69) Atrazine	11.010	200	16104	11.399	ng		93
70) Pentachlorophenol	11.116	266	12947	13.199	ng		97
71) Phenanthrene	11.333	178	202990	23.266	ng		100
72) Anthracene	11.386	178	117986	13.353	ng		99
73) Carbazole	11.545	167	85524	10.266	ng		98
74) Di-n-butylphthalate	11.875	149	102847	10.118	ng		99
75) Fluoranthene	12.528	202	285377	30.579	ng		98
77) Benzidine	12.657	184	37444	8.501	ng		99
78) Pyrene	12.763	202	264324	18.025	ng		99
80) Butylbenzylphthalate	13.386	149	44663	8.370	ng		92
81) Benzo(a)anthracene	13.957	228	173584	16.734	ng		99
82) 3,3'-Dichlorobenzidine	13.922	252	28812	9.781	ng		98
83) Chrysene	13.992	228	149470	14.735	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	68487	10.201	ng		95
85) Di-n-octyl phthalate	14.563	149	121669	11.716	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	77541	8.961	ng		97
88) Benzo(b)fluoranthene	15.016	252	126322	15.781	ng		98
89) Benzo(k)fluoranthene	15.039	252	89339	11.812	ng		97
90) Benzo(a)pyrene	15.386	252	97311	14.402	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	53888	7.591	ng		97
92) Benzo(g,h,i)perylene	17.410	276	66991	9.214	ng		99

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

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