Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
Data File : BF136219.D
Acq On : 27 Nov 2023 12:51
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 28 02:58:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 02:38:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	164747	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	733417	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	378219	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	725372	20.000	ng		0.00
76) Chrysene-d12	13.992	240	440598	20.000	ng		0.00
86) Perylene-d12	15.474	264	298146	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	229062	19.352	ng		0.00
7) Phenol-d6	6.434	99	287703	19.439	ng		-0.01
23) Nitrobenzene-d5	7.363	82	259737	18.714	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	85793	18.554	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	588956	19.890	ng		0.00
79) Terphenyl-d14	12.933	244	669922	17.539	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	43010	9.603	ng		95
3) Pyridine	3.363	79	106999	9.678	ng		97
4) n-Nitrosodimethylamine	3.310	42	52587	9.410	ng		95
6) Aniline	6.469	93	141326	10.103	ng		95
8) 2-Chlorophenol	6.586	128	122522	9.507	ng		97
9) Benzaldehyde	6.357	77	89625	10.865	ng		99
10) Phenol	6.445	94	154758	9.747	ng		93
11) bis(2-Chloroethyl)ether	6.539	93	110423	9.480	ng		97
12) 1,3-Dichlorobenzene	6.745	146	138010	9.436	ng		98
13) 1,4-Dichlorobenzene	6.822	146	140769	9.468	ng		96
14) 1,2-Dichlorobenzene	6.975	146	135912	9.656	ng		96
15) Benzyl Alcohol	6.945	79	98783	9.520	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	158772	9.813	ng		99
17) 2-Methylphenol	7.051	107	95750	9.450	ng		99
18) Hexachloroethane	7.316	117	50217	9.629	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	87375	9.871	ng		96
20) 3+4-Methylphenols	7.204	107	128459	9.755	ng		92
22) Acetophenone	7.210	105	183214	9.512	ng	#	92
24) Nitrobenzene	7.381	77	131697	9.364	ng		99
25) Isophorone	7.622	82	236659	9.457	ng		96
26) 2-Nitrophenol	7.698	139	53453	8.920	ng		98
27) 2,4-Dimethylphenol	7.733	122	76502	9.699	ng		98
28) bis(2-Chloroethoxy)met...	7.833	93	142936	9.442	ng		99
29) 2,4-Dichlorophenol	7.939	162	101369	9.528	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	122078	9.372	ng		98
31) Naphthalene	8.104	128	386590	9.378	ng		98
32) Benzoic acid	7.810	122	58673	8.162	ng		92
33) 4-Chloroaniline	8.151	127	137252	9.795	ng		98
34) Hexachlorobutadiene	8.222	225	71265	9.352	ng		99
35) Caprolactam	8.492	113	28123	9.456	ng	#	84
36) 4-Chloro-3-methylphenol	8.627	107	109704	9.507	ng		100
37) 2-Methylnaphthalene	8.798	142	249112	9.633	ng		95
38) 1-Methylnaphthalene	8.892	142	239527	9.495	ng		94
40) 1,2,4,5-Tetrachloroben...	8.963	216	114985	9.553	ng		98
41) Hexachlorocyclopentadiene	8.951	237	39487	8.526	ng		93
43) 2,4,6-Trichlorophenol	9.075	196	74210	9.499	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	82220	9.643	ng		98
46) 1,1'-Biphenyl	9.263	154	321934	9.652	ng		97
47) 2-Chloronaphthalene	9.286	162	244858	9.453	ng		97
48) 2-Nitroaniline	9.380	65	62106	9.184	ng		90
49) Acenaphthylene	9.698	152	353562	9.565	ng		98
50) Dimethylphthalate	9.563	163	273990	9.585	ng		99
51) 2,6-Dinitrotoluene	9.622	165	54329	9.303	ng		85
52) Acenaphthene	9.874	154	225818m	9.667	ng		
53) 3-Nitroaniline	9.792	138	54730	9.445	ng		98
54) 2,4-Dinitrophenol	9.898	184	19975	7.354	ng		88
55) Dibenzofuran	10.045	168	337967	9.723	ng		99
56) 4-Nitrophenol	9.945	139	40987	9.313	ng		94
57) 2,4-Dinitrotoluene	10.027	165	71961	9.225	ng		98
58) Fluorene	10.392	166	272027	9.977	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	65303	9.632	ng		98
60) Diethylphthalate	10.269	149	273194	9.554	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	134328	10.145	ng		95
62) 4-Nitroaniline	10.404	138	53971	9.515	ng		97
63) Azobenzene	10.545	77	254126	9.586	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	30291	7.636	ng		92
66) n-Nitrosodiphenylamine	10.504	169	224545	9.660	ng		94
67) 4-Bromophenyl-phenylether	10.880	248	78781	9.309	ng		91
68) Hexachlorobenzene	10.939	284	93964	9.594	ng		96
69) Atrazine	11.033	200	67446	9.781	ng		95
70) Pentachlorophenol	11.133	266	48846	8.823	ng		99
71) Phenanthrene	11.357	178	395092	9.691	ng		99
72) Anthracene	11.410	178	388925	9.513	ng		99
73) Carbazole	11.563	167	331688	9.539	ng		99
74) Di-n-butylphthalate	11.904	149	403173	9.267	ng		98
75) Fluoranthene	12.551	202	399171	9.645	ng		96
77) Benzidine	12.680	184	43480	6.003	ng		97
78) Pyrene	12.780	202	408515	8.466	ng		98
80) Butylbenzylphthalate	13.415	149	131842	8.779	ng		97
81) Benzo(a)anthracene	13.980	228	318136	9.721	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	76258	9.680	ng		95
83) Chrysene	14.015	228	292890	9.269	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	160897	8.927	ng	#	99
85) Di-n-octyl phthalate	14.598	149	200461	11.274	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	155457	9.265	ng		96
88) Benzo(b)fluoranthene	15.033	252	211059	10.090	ng		98
89) Benzo(k)fluoranthene	15.062	252	196855	9.909	ng		98
90) Benzo(a)pyrene	15.404	252	159813	9.346	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	128251	9.478	ng		98
92) Benzo(g,h,i)perylene	17.427	276	135825	9.169	ng		99

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

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