Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
Data File : BF132347.D
Acq On : 07 Feb 2023 16:33
Operator : CG\JU
Sample : 01466-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 08 03:59:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:05:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.054	152	156078	20.000	ng		0.00
21) Naphthalene-d8	8.336	136	606744	20.000	ng		0.00
39) Acenaphthene-d10	10.101	164	309921	20.000	ng		0.00
64) Phenanthrene-d10	11.601	188	606374	20.000	ng		0.00
76) Chrysene-d12	14.260	240	331198	20.000	ng		0.00
86) Perylene-d12	15.836	264	339164	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	1093035	112.568	ng		0.02
7) Phenol-d6	6.672	99	1341262	112.042	ng		0.00
23) Nitrobenzene-d5	7.619	82	784560	71.956	ng		0.00
42) 2,4,6-Tribromophenol	10.901	330	462278	145.046	ng		0.00
45) 2-Fluorobiphenyl	9.419	172	1499940	74.738	ng		0.00
79) Terphenyl-d14	13.189	244	1724033	100.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.019	88	203817	44.610	ng		95
3) Pyridine	3.766	79	496090	40.024	ng		96
4) n-Nitrosodimethylamine	3.731	42	161909	40.823	ng		95
6) Aniline	6.713	93	523114m	32.202	ng		
8) 2-Chlorophenol	6.837	128	514392	51.149	ng		95
9) Benzaldehyde	6.601	77	278482	42.485	ng		99
10) Phenol	6.684	94	575532	46.449	ng		98
11) bis(2-Chloroethyl)ether	6.784	93	490160	48.067	ng		94
12) 1,3-Dichlorobenzene	6.995	146	549437	51.656	ng		97
13) 1,4-Dichlorobenzene	7.072	146	555487	52.319	ng		97
14) 1,2-Dichlorobenzene	7.225	146	530938	53.621	ng		96
15) Benzyl Alcohol	7.189	79	392009	44.878	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.325	45	444718	41.393	ng		92
17) 2-Methylphenol	7.295	107	401900	45.654	ng		98
18) Hexachloroethane	7.566	117	204614	51.372	ng		98
19) n-Nitroso-di-n-propyla...	7.460	70	276695	40.692	ng		97
20) 3+4-Methylphenols	7.448	107	508008	45.213	ng		90
22) Acetophenone	7.460	105	645873	45.264	ng		98
24) Nitrobenzene	7.636	77	467504	41.970	ng		94
25) Isophorone	7.872	82	894753	43.236	ng		97
26) 2-Nitrophenol	7.954	139	281801	51.938	ng	#	88
27) 2,4-Dimethylphenol	7.978	122	460247	48.463	ng		99
28) bis(2-Chloroethoxy)met...	8.078	93	568562	44.707	ng		99
29) 2,4-Dichlorophenol	8.189	162	418670	49.654	ng		98
30) 1,2,4-Trichlorobenzene	8.278	180	451831	50.042	ng		98
31) Naphthalene	8.360	128	1384304	46.351	ng		99
32) Benzoic acid	8.095	122	372591	53.002	ng		92
33) 4-Chloroaniline	8.401	127	172788	13.047	ng		98
34) Hexachlorobutadiene	8.472	225	265597	52.325	ng		99
35) Caprolactam	8.783	113	144180m	50.159	ng		
36) 4-Chloro-3-methylphenol	8.878	107	438281	48.249	ng		97
37) 2-Methylnaphthalene	9.054	142	927021	45.824	ng		100
38) 1-Methylnaphthalene	9.154	142	864263	45.972	ng		98
40) 1,2,4,5-Tetrachloroben...	9.219	216	432913	49.637	ng		100
41) Hexachlorocyclopentadiene	9.207	237	557959	109.653	ng		100
43) 2,4,6-Trichlorophenol	9.330	196	317590	50.942	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	334608	46.630	ng		98
46) 1,1'-Biphenyl	9.519	154	1130186	47.302	ng		97
47) 2-Chloronaphthalene	9.548	162	880544	48.386	ng		99
48) 2-Nitroaniline	9.642	65	224555	41.490	ng	#	74
49) Acenaphthylene	9.966	152	1378165	46.402	ng		99
50) Dimethylphthalate	9.819	163	1047690	48.327	ng		99
51) 2,6-Dinitrotoluene	9.883	165	242036	49.989	ng	#	79
52) Acenaphthene	10.142	154	987911	53.129	ng		99
53) 3-Nitroaniline	10.048	138	155360	26.459	ng		99
54) 2,4-Dinitrophenol	10.160	184	295705	103.988	ng		89
55) Dibenzofuran	10.313	168	1216042	46.546	ng		99
56) 4-Nitrophenol	10.207	139	429874	97.291	ng		94
57) 2,4-Dinitrotoluene	10.289	165	327324	52.043	ng	#	86
58) Fluorene	10.660	166	955208	47.507	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.425	232	277097	52.970	ng		98
60) Diethylphthalate	10.519	149	1068413	49.540	ng		99
61) 4-Chlorophenyl-phenyle...	10.642	204	471874	49.451	ng		96
62) 4-Nitroaniline	10.672	138	263963	46.880	ng		96
63) Azobenzene	10.807	77	919590	43.775	ng		94
65) 4,6-Dinitro-2-methylph...	10.695	198	186887	54.304	ng		98
66) n-Nitrosodiphenylamine	10.766	169	851456	44.843	ng		99
67) 4-Bromophenyl-phenylether	11.136	248	305368	49.180	ng		97
68) Hexachlorobenzene	11.207	284	348999	52.587	ng		94
69) Atrazine	11.289	200	299046	54.755	ng		97
70) Pentachlorophenol	11.401	266	400986	87.936	ng		99
71) Phenanthrene	11.630	178	1452184	45.830	ng		100
72) Anthracene	11.677	178	1483713	46.011	ng		99
73) Carbazole	11.830	167	1320475	45.669	ng		99
74) Di-n-butylphthalate	12.154	149	1704596	49.866	ng		100
75) Fluoranthene	12.824	202	1455580	45.015	ng		98
77) Benzidine	12.942	184	802686	69.322	ng		98
78) Pyrene	13.060	202	1495195	56.129	ng		99
80) Butylbenzylphthalate	13.665	149	698100	59.316	ng		96
81) Benzo(a)anthracene	14.248	228	1107472	47.809	ng		99
82) 3,3'-Dichlorobenzidine	14.207	252	177177	24.014	ng		99
83) Chrysene	14.289	228	1021008	47.071	ng		99
84) Bis(2-ethylhexyl)phtha...	14.218	149	971684	61.081	ng		99
85) Di-n-octyl phthalate	14.854	149	1385637	53.402	ng	#	96
87) Indeno(1,2,3-cd)pyrene	17.471	276	1206910	53.554	ng		97
88) Benzo(b)fluoranthene	15.359	252	1031282	47.836	ng		99
89) Benzo(k)fluoranthene	15.395	252	972089	47.238	ng		99
90) Benzo(a)pyrene	15.771	252	905166	45.088	ng		98
91) Dibenzo(a,h)anthracene	17.495	278	982940	54.250	ng		98
92) Benzo(g,h,i)perylene	17.977	276	954606	50.998	ng		96

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

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