Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
Data File : BF134496.D
Acq On : 26 Jul 2023 22:55
Operator : CG\JU
Sample : 03717-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 27 01:57:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:46:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	59656	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	233845	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	118859	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	217962	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	139375	20.000	ng	-0.02
86) Perylene-d12	15.509	264	150487	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	447917	124.052	ng	0.00
7) Phenol-d6	6.475	99	501308	113.320	ng	0.00
23) Nitrobenzene-d5	7.392	82	394449	85.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	192329	113.887	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	778713	86.009	ng	-0.01
79) Terphenyl-d14	12.951	244	793755	99.417	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	93219	60.866	ng	# 76
3) Pyridine	3.557	79	194609m	56.608	ng	
4) n-Nitrosodimethylamine	3.428	42	152380	75.003	ng	84
6) Aniline	6.498	93	123465	23.680	ng	# 80
8) 2-Chlorophenol	6.616	128	167600	45.818	ng	99
9) Benzaldehyde	6.386	77	60165	25.396	ng	98
10) Phenol	6.486	94	181883	39.516	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	153575	47.795	ng	94
12) 1,3-Dichlorobenzene	6.763	146	170271	43.287	ng	99
13) 1,4-Dichlorobenzene	6.845	146	174780	43.177	ng	98
14) 1,2-Dichlorobenzene	6.992	146	165266	43.463	ng	99
15) Benzyl Alcohol	6.975	79	165793	48.540	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	228566	48.303	ng	82
17) 2-Methylphenol	7.086	107	138209	42.366	ng	96
18) Hexachloroethane	7.328	117	63309	40.709	ng	95
19) n-Nitroso-di-n-propyla...	7.239	70	132441	48.091	ng	96
20) 3+4-Methylphenols	7.239	107	177838	42.577	ng	96
22) Acetophenone	7.239	105	255065	43.858	ng	95
24) Nitrobenzene	7.410	77	191827	41.732	ng	99
25) Isophorone	7.645	82	348778	45.278	ng	100
26) 2-Nitrophenol	7.722	139	79787	37.740	ng	98
27) 2,4-Dimethylphenol	7.763	122	149938	44.941	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	201110	46.905	ng	98
29) 2,4-Dichlorophenol	7.969	162	148985	44.671	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	159764	44.409	ng	100
31) Naphthalene	8.127	128	493301	42.387	ng	100
32) Benzoic acid	7.892	122	54459m	24.437	ng	
33) 4-Chloroaniline	8.180	127	52310	10.874	ng	96
34) Hexachlorobutadiene	8.233	225	104298	43.276	ng	99
35) Caprolactam	8.557	113	39602	38.833	ng	97
36) 4-Chloro-3-methylphenol	8.675	107	168237	43.717	ng	97
37) 2-Methylnaphthalene	8.816	142	344891	42.651	ng	98
38) 1-Methylnaphthalene	8.916	142	320775	42.760	ng	97
40) 1,2,4,5-Tetrachloroben...	8.980	216	169704	45.054	ng	98
41) Hexachlorocyclopentadiene	8.963	237	71762	62.306	ng	95
43) 2,4,6-Trichlorophenol	9.104	196	107633	44.543	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	108909	38.685	ng		97
46) 1,1'-Biphenyl	9.280	154	445489	45.475	ng		98
47) 2-Chloronaphthalene	9.310	162	331275	45.870	ng		99
48) 2-Nitroaniline	9.416	65	122974	47.280	ng		92
49) Acenaphthylene	9.722	152	541004	44.341	ng		99
50) Dimethylphthalate	9.586	163	419863	47.652	ng		99
51) 2,6-Dinitrotoluene	9.657	165	82252	42.544	ng		85
52) Acenaphthene	9.898	154	322772	44.783	ng		98
53) 3-Nitroaniline	9.827	138	74335	33.535	ng		95
54) 2,4-Dinitrophenol	9.951	184	6132	12.118	ng	#	72
55) Dibenzofuran	10.069	168	491369	44.295	ng		100
56) 4-Nitrophenol	10.004	139	71995	60.906	ng		95
57) 2,4-Dinitrotoluene	10.063	165	103274	39.770	ng		86
58) Fluorene	10.416	166	400614	44.766	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	87230	40.328	ng	#	91
60) Diethylphthalate	10.286	149	448033	49.114	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	198388	46.407	ng		99
62) 4-Nitroaniline	10.445	138	82543	36.296	ng		92
63) Azobenzene	10.563	77	389152	46.346	ng		94
65) 4,6-Dinitro-2-methylph...	10.480	198	8002	6.400	ng		99
66) n-Nitrosodiphenylamine	10.527	169	348151	50.205	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	122011	51.091	ng		96
68) Hexachlorobenzene	10.963	284	138499	51.502	ng		98
69) Atrazine	11.057	200	112806	58.346	ng		95
70) Pentachlorophenol	11.163	266	74365	65.894	ng		95
71) Phenanthrene	11.380	178	524004	46.013	ng		99
72) Anthracene	11.433	178	546003	46.453	ng		99
73) Carbazole	11.592	167	469747	42.441	ng		99
74) Di-n-butylphthalate	11.916	149	670526	52.774	ng		99
75) Fluoranthene	12.574	202	506794	38.184	ng		99
77) Benzidine	12.704	184	73791	24.796	ng		98
78) Pyrene	12.804	202	501216	45.228	ng		98
80) Butylbenzylphthalate	13.421	149	230992	52.036	ng		97
81) Benzo(a)anthracene	14.004	228	446400	45.907	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	104159	33.819	ng		97
83) Chrysene	14.045	228	417815	44.923	ng		100
84) Bis(2-ethylhexyl)phtha...	13.986	149	325156	60.293	ng		99
85) Di-n-octyl phthalate	14.604	149	540924	72.176	ng		100
87) Indeno(1,2,3-cd)pyrene	17.045	276	393723	40.048	ng		100
88) Benzo(b)fluoranthene	15.068	252	470161	49.940	ng		99
89) Benzo(k)fluoranthene	15.104	252	439302	47.448	ng		97
90) Benzo(a)pyrene	15.451	252	391571	44.997	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	339004	42.697	ng		96
92) Benzo(g,h,i)perylene	17.509	276	296630	36.385	ng		99

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

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