Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135273.D
Acq On : 15 Sep 2023 01:23
Operator : CG\JU
Sample : 04249-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-083023MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 02:25:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101888	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	365642	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	150993	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	267130	20.000	ng	0.00
76) Chrysene-d12	13.962	240	146481	20.000	ng	0.02
86) Perylene-d12	15.433	264	133731	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	591527	94.426	ng	0.02
7) Phenol-d6	6.416	99	714896	89.748	ng	0.01
23) Nitrobenzene-d5	7.328	82	441855	65.654	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	132333	88.192	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	723923	72.334	ng	0.00
79) Terphenyl-d14	12.892	244	617433	65.342	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	109960	40.041	ng	99
3) Pyridine	3.281	79	274469	37.135	ng	93
4) n-Nitrosodimethylamine	3.246	42	180663	46.062	ng	92
6) Aniline	6.445	93	240915	23.064	ng	98
8) 2-Chlorophenol	6.551	128	302382	45.217	ng	99
9) Benzaldehyde	6.316	77	119516	26.338	ng	97
10) Phenol	6.428	94	365484	41.843	ng	98
11) bis(2-Chloroethyl)ether	6.504	93	310170	47.340	ng	99
12) 1,3-Dichlorobenzene	6.704	146	307784	45.287	ng	99
13) 1,4-Dichlorobenzene	6.781	146	318459	46.056	ng	99
14) 1,2-Dichlorobenzene	6.934	146	295232	45.977	ng	97
15) Benzyl Alcohol	6.916	79	259943	45.476	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.045	45	539421	43.678	ng	97
17) 2-Methylphenol	7.028	107	232355	39.373	ng	96
18) Hexachloroethane	7.269	117	102297	40.040	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	203272	41.199	ng	95
20) 3+4-Methylphenols	7.181	107	279105	39.332	ng	93
22) Acetophenone	7.175	105	402439	48.141	ng	96
24) Nitrobenzene	7.351	77	312518	46.981	ng	98
25) Isophorone	7.586	82	557924	45.146	ng	99
26) 2-Nitrophenol	7.663	139	129664	40.614	ng	98
27) 2,4-Dimethylphenol	7.704	122	238823	44.504	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	352397	47.642	ng	99
29) 2,4-Dichlorophenol	7.910	162	217880	43.816	ng	97
30) 1,2,4-Trichlorobenzene	7.986	180	243708	46.890	ng	98
31) Naphthalene	8.069	128	871795	49.072	ng	99
32) Benzoic acid	7.828	122	145107	35.909	ng	95
33) 4-Chloroaniline	8.128	127	194283	24.926	ng	98
34) Hexachlorobutadiene	8.181	225	150090	47.891	ng	99
35) Caprolactam	8.492	113	68414m	40.994	ng	
36) 4-Chloro-3-methylphenol	8.610	107	227264	41.122	ng	97
37) 2-Methylnaphthalene	8.757	142	527371	44.161	ng	99
38) 1-Methylnaphthalene	8.857	142	489402	43.773	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	225090	51.456	ng	99
41) Hexachlorocyclopentadiene	8.904	237	5398	9.926	ng	92
43) 2,4,6-Trichlorophenol	9.039	196	140795	49.159	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	137190	41.594	ng		98
46) 1,1'-Biphenyl	9.222	154	587189	50.604	ng		99
47) 2-Chloronaphthalene	9.245	162	418746	49.738	ng		96
48) 2-Nitroaniline	9.351	65	156582	47.873	ng		98
49) Acenaphthylene	9.663	152	681067	48.676	ng		100
50) Dimethylphthalate	9.527	163	491090	48.105	ng		99
51) 2,6-Dinitrotoluene	9.592	165	98995	44.266	ng		98
52) Acenaphthene	9.833	154	436706	52.834	ng		98
53) 3-Nitroaniline	9.763	138	103989	39.613	ng		98
54) 2,4-Dinitrophenol	9.880	184	12888	15.606	ng		94
55) Dibenzofuran	10.010	168	609362	48.311	ng		98
56) 4-Nitrophenol	9.939	139	139932	83.872	ng		92
57) 2,4-Dinitrotoluene	10.004	165	116622	41.654	ng		90
58) Fluorene	10.351	166	517564	53.376	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	106973	42.162	ng		99
60) Diethylphthalate	10.233	149	472332	46.102	ng		100
61) 4-Chlorophenyl-phenyle...	10.345	204	204618	43.929	ng		98
62) 4-Nitroaniline	10.380	138	109677	43.464	ng		99
63) Azobenzene	10.504	77	437762	43.658	ng		97
65) 4,6-Dinitro-2-methylph...	10.416	198	12350	8.704	ng		90
66) n-Nitrosodiphenylamine	10.469	169	395874	48.950	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	126821	47.734	ng		99
68) Hexachlorobenzene	10.904	284	127828	47.227	ng		94
69) Atrazine	11.004	200	115229	52.953	ng		95
70) Pentachlorophenol	11.104	266	117674	72.665	ng		99
71) Phenanthrene	11.321	178	1193826	94.492	ng		99
72) Anthracene	11.374	178	773628	59.572	ng		99
73) Carbazole	11.533	167	607071	51.351	ng		99
74) Di-n-butylphthalate	11.868	149	693235	49.765	ng		99
75) Fluoranthene	12.521	202	1587067	120.556	ng		99
77) Benzidine	12.645	184	82285	27.420	ng		98
78) Pyrene	12.751	202	1540746	110.479	ng		99
80) Butylbenzylphthalate	13.374	149	275566	56.121	ng		98
81) Benzo(a)anthracene	13.951	228	958387	101.324	ng		97
82) 3,3'-Dichlorobenzidine	13.915	252	143272	48.494	ng		99
83) Chrysene	13.992	228	846323	89.995	ng		98
84) Bis(2-ethylhexyl)phtha...	13.939	149	337288	66.939	ng		99
85) Di-n-octyl phthalate	14.557	149	547787	68.409	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.927	276	525348	59.915	ng		97
88) Benzo(b)fluoranthene	15.009	252	781348	107.931	ng		96
89) Benzo(k)fluoranthene	15.033	252	493446m	69.002	ng		
90) Benzo(a)pyrene	15.374	252	602916	87.333	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	322717	44.982	ng		97
92) Benzo(g,h,i)perylene	17.380	276	450901	60.179	ng		100

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

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