Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
Data File : BF132392.D
Acq On : 10 Feb 2023 17:42
Operator : CG\JU
Sample : 01489-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 23:46:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BARN-EAST-END-DRAINMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/13/2023
Supervised By :Jagrut Upadhyay 02/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.042	152	182502	20.000	ng		0.00
21) Naphthalene-d8	8.331	136	686082	20.000	ng	#	0.00
39) Acenaphthene-d10	10.089	164	352230	20.000	ng		-0.01
64) Phenanthrene-d10	11.589	188	659402	20.000	ng		0.00
76) Chrysene-d12	14.248	240	392618	20.000	ng		0.00
86) Perylene-d12	15.812	264	258228	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	1341564	118.159	ng		0.03
7) Phenol-d6	6.672	99	1560703	111.497	ng		0.00
23) Nitrobenzene-d5	7.607	82	1030674	83.597	ng		0.00
42) 2,4,6-Tribromophenol	10.889	330	621471	171.573	ng		0.00
45) 2-Fluorobiphenyl	9.407	172	1924800	84.387	ng		0.00
79) Terphenyl-d14	13.183	244	2296258	113.135	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.207	88	213526m	39.968	ng		
3) Pyridine	3.872	79	322964m	22.284	ng		
4) n-Nitrosodimethylamine	3.813	42	164305	35.429	ng		96
6) Aniline	6.748	93	51978m	2.736	ng		
8) 2-Chlorophenol	6.831	128	573179	48.743	ng		94
9) Benzaldehyde	6.595	77	247094	28.802	ng		97
10) Phenol	6.684	94	568161	39.215	ng		96
11) bis(2-Chloroethyl)ether	6.772	93	576602m	48.357	ng		
12) 1,3-Dichlorobenzene	6.984	146	577427	46.427	ng		98
13) 1,4-Dichlorobenzene	7.060	146	576816	46.462	ng		100
14) 1,2-Dichlorobenzene	7.213	146	566330	48.915	ng		97
15) Benzyl Alcohol	7.184	79	386198	37.812	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.313	45	452940	36.054	ng		93
17) 2-Methylphenol	7.289	107	440653	42.808	ng		99
18) Hexachloroethane	7.554	117	212776	45.686	ng		100
19) n-Nitroso-di-n-propyla...	7.454	70	307786	38.710	ng		97
20) 3+4-Methylphenols	7.442	107	529433	40.298	ng	#	84
22) Acetophenone	7.454	105	720133	44.633	ng		96
24) Nitrobenzene	7.631	77	515346	40.915	ng		89
25) Isophorone	7.860	82	965993	41.280	ng		97
26) 2-Nitrophenol	7.942	139	311026	50.695	ng	#	90
27) 2,4-Dimethylphenol	7.972	122	516505	48.097	ng		99
28) bis(2-Chloroethoxy)met...	8.066	93	610985	42.487	ng		99
29) 2,4-Dichlorophenol	8.184	162	463892	48.656	ng		99
30) 1,2,4-Trichlorobenzene	8.266	180	506400	49.600	ng		98
31) Naphthalene	8.354	128	1530585	45.322	ng		99
32) Benzoic acid	8.101	122	383909	48.297	ng		93
33) 4-Chloroaniline	8.448	127	29208m	1.950	ng		
34) Hexachlorobutadiene	8.460	225	291619	50.808	ng		99
35) Caprolactam	8.778	113	143591m	44.177	ng		
36) 4-Chloro-3-methylphenol	8.878	107	489733	47.679	ng		95
37) 2-Methylnaphthalene	9.042	142	1036149	45.296	ng		99
38) 1-Methylnaphthalene	9.142	142	978563	46.032	ng		100
40) 1,2,4,5-Tetrachloroben...	9.207	216	491087	49.544	ng		99
41) Hexachlorocyclopentadiene	9.195	237	665923	115.151	ng		100
43) 2,4,6-Trichlorophenol	9.319	196	352080	49.690	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	373202	45.762	ng		99
46) 1,1'-Biphenyl	9.507	154	1252101	46.109	ng		97
47) 2-Chloronaphthalene	9.536	162	989488	47.842	ng		99
48) 2-Nitroaniline	9.630	65	236115	38.386	ng	#	82
49) Acenaphthylene	9.954	152	1534658	45.464	ng		99
50) Dimethylphthalate	9.807	163	1257909	51.054	ng		98
51) 2,6-Dinitrotoluene	9.872	165	276469	50.242	ng		88
52) Acenaphthene	10.130	154	1123860	53.181	ng		100
53) 3-Nitroaniline	10.042	138	49642	7.439	ng		90
54) 2,4-Dinitrophenol	10.148	184	345858	106.890	ng		97
55) Dibenzofuran	10.301	168	1371871	46.203	ng		100
56) 4-Nitrophenol	10.201	139	413381	82.320	ng		94
57) 2,4-Dinitrotoluene	10.278	165	370569	51.842	ng		92
58) Fluorene	10.648	166	1060364	46.403	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.413	232	303054	50.973	ng		97
60) Diethylphthalate	10.513	149	1164015	47.490	ng		98
61) 4-Chlorophenyl-phenyle...	10.630	204	518167	47.780	ng		95
62) 4-Nitroaniline	10.660	138	179117	27.990	ng		95
63) Azobenzene	10.795	77	925397	38.760	ng		92
65) 4,6-Dinitro-2-methylph...	10.689	198	206535	55.187	ng		88
66) n-Nitrosodiphenylamine	10.754	169	679590	32.913	ng		99
67) 4-Bromophenyl-phenylether	11.125	248	340460	50.422	ng		96
68) Hexachlorobenzene	11.195	284	403928	55.969	ng		93
69) Atrazine	11.272	200	117621	19.804	ng		98
70) Pentachlorophenol	11.389	266	442917	89.320	ng		100
71) Phenanthrene	11.619	178	1583817	45.964	ng		100
72) Anthracene	11.666	178	1607459	45.840	ng		99
73) Carbazole	11.819	167	946248	30.094	ng		100
74) Di-n-butylphthalate	12.142	149	1793521	48.248	ng		99
75) Fluoranthene	12.813	202	1607075	45.704	ng		98
77) Benzidine	12.971	184	2868m	0.209	ng		
78) Pyrene	13.048	202	1628500	51.570	ng		99
80) Butylbenzylphthalate	13.654	149	721720	51.729	ng		92
81) Benzo(a)anthracene	14.236	228	1321191	48.113	ng		99
82) 3,3'-Dichlorobenzidine	14.195	252	9187	1.050	ng	#	96
83) Chrysene	14.277	228	1223286	47.574	ng		99
84) Bis(2-ethylhexyl)phtha...	14.207	149	989028	52.445	ng	#	99
85) Di-n-octyl phthalate	14.836	149	1461180	47.504	ng	#	96
87) Indeno(1,2,3-cd)pyrene	17.442	276	1157172	67.441	ng		96
88) Benzo(b)fluoranthene	15.348	252	1124731m	68.522	ng		
89) Benzo(k)fluoranthene	15.377	252	1050856	67.071	ng		99
90) Benzo(a)pyrene	15.748	252	900770	58.933	ng		98
91) Dibenzo(a,h)anthracene	17.459	278	969090	70.249	ng		98
92) Benzo(g,h,i)perylene	17.936	276	932585	65.437	ng		96

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

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