Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
Data File : BP015280.D
Acq On : 24 May 2023 19:28
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 01:34:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:19:28 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	227313	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	777042	20.000	ng		0.00
39) Acenaphthene-d10	14.757	164	452115	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	1000802	20.000	ng		0.00
76) Chrysene-d12	21.586	240	922414	20.000	ng		0.00
86) Perylene-d12	24.139	264	1129728	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1992269	145.231	ng		0.00
7) Phenol-d6	7.275	99	2589929	144.065	ng		0.01
23) Nitrobenzene-d5	9.299	82	2481856	155.950	ng		0.00
42) 2,4,6-Tribromophenol	16.245	330	1018639	165.796	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	4864513	144.451	ng		0.00
79) Terphenyl-d14	20.045	244	6806214	138.790	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	437081	71.936	ng		98
3) Pyridine	3.875	79	1183146m	76.189	ng		
4) n-Nitrosodimethylamine	3.787	42	539216	74.407	ng		98
6) Aniline	7.440	93	1652060	72.707	ng		99
8) 2-Chlorophenol	7.675	128	1040905	72.612	ng		98
10) Phenol	7.299	94	1300362	72.225	ng		98
11) bis(2-Chloroethyl)ether	7.534	93	1058558	70.144	ng		99
12) 1,3-Dichlorobenzene	7.999	146	1144137	71.727	ng		98
13) 1,4-Dichlorobenzene	8.146	146	1155975	71.995	ng		99
14) 1,2-Dichlorobenzene	8.469	146	1093350	71.371	ng		99
15) Benzyl Alcohol	8.357	79	955208	76.124	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.652	45	1331535m	68.410	ng		
17) 2-Methylphenol	8.557	107	920051	71.807	ng		97
18) Hexachloroethane	9.204	117	441808	73.009	ng		98
19) n-Nitroso-di-n-propyla...	8.934	70	795265	69.119	ng		99
20) 3+4-Methylphenols	8.899	107	1255463	72.529	ng		98
22) Acetophenone	8.951	105	1525125	75.566	ng	#	99
24) Nitrobenzene	9.340	77	1243847	78.494	ng		99
25) Isophorone	9.869	82	2233579	78.208	ng		99
26) 2-Nitrophenol	10.051	139	581347	83.583	ng		97
27) 2,4-Dimethylphenol	10.104	122	910880	78.114	ng		96
28) bis(2-Chloroethoxy)met...	10.346	93	1328999	75.504	ng		99
29) 2,4-Dichlorophenol	10.587	162	967624	80.031	ng		98
30) 1,2,4-Trichlorobenzene	10.804	180	1041243	77.206	ng		99
31) Naphthalene	10.993	128	3108227	75.954	ng		99
32) Benzoic acid	10.293	122	769013	78.635	ng		99
33) 4-Chloroaniline	11.104	127	1350715	79.835	ng		99
34) Hexachlorobutadiene	11.269	225	668183	78.196	ng		99
35) Caprolactam	11.922	113	317349	85.495	ng		97
36) 4-Chloro-3-methylphenol	12.222	107	1057621	80.454	ng		98
37) 2-Methylnaphthalene	12.592	142	2196776	75.530	ng		100
38) 1-Methylnaphthalene	12.810	142	2045161	75.365	ng		100
40) 1,2,4,5-Tetrachloroben...	12.957	216	1142585	77.020	ng		100
41) Hexachlorocyclopentadiene	12.928	237	692423	88.121	ng		99
43) 2,4,6-Trichlorophenol	13.192	196	778152	80.811	ng		98
44) 2,4,5-Trichlorophenol	13.269	196	919244	81.204	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.592	154	2690380	75.104	ng	99
47) 2-Chloronaphthalene	13.639	162	2038842	75.448	ng	99
48) 2-Nitroaniline	13.845	65	708639	85.845	ng	99
49) Acenaphthylene	14.481	152	3339907	77.243	ng	99
50) Dimethylphthalate	14.216	163	2729673	77.173	ng	100
51) 2,6-Dinitrotoluene	14.334	165	610950	81.810	ng	98
52) Acenaphthene	14.822	154	1949654	75.705	ng	98
53) 3-Nitroaniline	14.669	138	659714	86.435	ng	99
54) 2,4-Dinitrophenol	14.875	184	400981	79.805	ng	97
55) Dibenzofuran	15.151	168	3149220	74.753	ng	98
56) 4-Nitrophenol	14.969	139	532450	79.427	ng	97
57) 2,4-Dinitrotoluene	15.122	165	839579	85.504	ng	99
58) Fluorene	15.804	166	2418274	74.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.375	232	720896	79.626	ng	100
60) Diethylphthalate	15.569	149	2751940	78.101	ng	100
61) 4-Chlorophenyl-phenyle...	15.792	204	1251548	75.121	ng	99
62) 4-Nitroaniline	15.834	138	667296	79.720	ng	97
63) Azobenzene	16.086	77	2609988	77.646	ng	98
65) 4,6-Dinitro-2-methylph...	15.886	198	540290	88.881	ng	99
66) n-Nitrosodiphenylamine	16.010	169	2190067	73.438	ng	100
67) 4-Bromophenyl-phenylether	16.686	248	824537	76.195	ng	99
68) Hexachlorobenzene	16.810	284	904276	75.879	ng	97
69) Atrazine	16.957	200	712309	74.804	ng	99
70) Pentachlorophenol	17.151	266	695790	85.197	ng	99
71) Phenanthrene	17.551	178	3953507	74.119	ng	99
72) Anthracene	17.645	178	4031971	75.476	ng	100
73) Carbazole	17.910	167	3659771	77.367	ng	99
74) Di-n-butylphthalate	18.439	149	4703591	77.428	ng	100
75) Fluoranthene	19.504	202	4756370	76.331	ng	98
77) Benzidine	19.674	184	1141354	77.807	ng	99
78) Pyrene	19.857	202	4902548	74.282	ng	100
80) Butylbenzylphthalate	20.710	149	2224850	79.547	ng	98
81) Benzo(a)anthracene	21.568	228	4858981	75.814	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	1558716	78.741	ng	99
83) Chrysene	21.627	228	4625395	75.264	ng	99
84) Bis(2-ethylhexyl)phtha...	21.468	149	3269670	79.375	ng	98
85) Di-n-octyl phthalate	22.439	149	5737563	82.335	ng	100
87) Indeno(1,2,3-cd)pyrene	26.862	276	6530592	79.754	ng	98
88) Benzo(b)fluoranthene	23.357	252	5166629	75.219	ng	99
89) Benzo(k)fluoranthene	23.410	252	5221074	75.485	ng	98
90) Benzo(a)pyrene	24.033	252	5139251	77.496	ng	99
91) Dibenzo(a,h)anthracene	26.880	278	5313193	79.012	ng	99
92) Benzo(g,h,i)perylene	27.698	276	5527933	80.903	ng	100

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

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