Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
Data File : BP012694.D
Acq On : 22 Nov 2022 10:36
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 23:36:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 23:34:02 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/23/2022
Supervised By :Jagrut Upadhyay 11/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	289688	20.000	ng		0.00
21) Naphthalene-d8	10.851	136	1283515	20.000	ng		0.00
39) Acenaphthene-d10	14.669	164	893458	20.000	ng		0.00
64) Phenanthrene-d10	17.422	188	2024689	20.000	ng		0.00
76) Chrysene-d12	21.510	240	2100971	20.000	ng		0.00
86) Perylene-d12	24.027	264	1968873	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	259177	18.123	ng		0.00
7) Phenol-d6	7.175	99	370395	18.668	ng		0.00
23) Nitrobenzene-d5	9.199	82	454056	19.825	ng		0.00
42) 2,4,6-Tribromophenol	16.157	330	146781	14.925	ng		0.00
45) 2-Fluorobiphenyl	13.293	172	1276572	20.164	ng		0.00
79) Terphenyl-d14	19.969	244	2098720	21.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	60981	10.373	ng		96
3) Pyridine	3.852	79	183989	10.023	ng		99
4) n-Nitrosodimethylamine	3.758	42	81222	10.132	ng	#	81
6) Aniline	7.352	93	235861	9.415	ng		98
8) 2-Chlorophenol	7.593	128	164540	9.105	ng		98
9) Benzaldehyde	7.163	77	161200	13.188	ng		98
10) Phenol	7.205	94	212932	9.462	ng		98
11) bis(2-Chloroethyl)ether	7.452	93	199568	10.282	ng		99
12) 1,3-Dichlorobenzene	7.922	146	225691	10.274	ng		98
13) 1,4-Dichlorobenzene	8.069	146	229050	10.122	ng		99
14) 1,2-Dichlorobenzene	8.393	146	224264	10.229	ng		99
15) Benzyl Alcohol	8.269	79	121017	8.693	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.569	45	305311	10.689	ng		99
17) 2-Methylphenol	8.469	107	137844	8.868	ng		99
18) Hexachloroethane	9.128	117	83288	10.142	ng		98
19) n-Nitroso-di-n-propyla...	8.840	70	136909	10.017	ng		97
20) 3+4-Methylphenols	8.793	107	180655	8.598	ng		95
22) Acetophenone	8.857	105	326565	10.311	ng	#	98
24) Nitrobenzene	9.240	77	234777	9.915	ng		98
25) Isophorone	9.769	82	418200	9.446	ng		98
26) 2-Nitrophenol	9.957	139	48301	6.254	ng		99
27) 2,4-Dimethylphenol	10.010	122	125299	8.239	ng		96
28) bis(2-Chloroethoxy)met...	10.251	93	247469	9.857	ng		99
29) 2,4-Dichlorophenol	10.487	162	157425	8.154	ng		98
30) 1,2,4-Trichlorobenzene	10.710	180	223024	9.390	ng		99
31) Naphthalene	10.904	128	705952	9.849	ng		100
32) Benzoic acid	10.075	122	43782m	5.257	ng		
33) 4-Chloroaniline	11.004	127	231718	9.179	ng		99
34) Hexachlorobutadiene	11.193	225	142668	9.594	ng		99
35) Caprolactam	11.757	113	33380m	5.844	ng		
36) 4-Chloro-3-methylphenol	12.116	107	170922	8.451	ng		98
37) 2-Methylnaphthalene	12.504	142	496664	9.765	ng		99
38) 1-Methylnaphthalene	12.722	142	490734	9.721	ng		100
40) 1,2,4,5-Tetrachloroben...	12.863	216	268341	9.430	ng		99
41) Hexachlorocyclopentadiene	12.851	237	120141	9.024	ng		98
43) 2,4,6-Trichlorophenol	13.098	196	128377	7.404	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.163	196	166429	8.269	ng		97
46) 1,1'-Biphenyl	13.504	154	670241	9.822	ng		99
47) 2-Chloronaphthalene	13.545	162	525538	9.590	ng		99
48) 2-Nitroaniline	13.745	65	87377	7.536	ng		97
49) Acenaphthylene	14.392	152	842077	9.607	ng		99
50) Dimethylphthalate	14.122	163	620030	8.993	ng		99
51) 2,6-Dinitrotoluene	14.234	165	122038	8.767	ng		89
52) Acenaphthene	14.734	154	524912	9.425	ng		99
53) 3-Nitroaniline	14.563	138	115196	8.054	ng		94
54) 2,4-Dinitrophenol	14.763	184	32105	5.659	ng		91
55) Dibenzofuran	15.063	168	841657	9.766	ng		98
56) 4-Nitrophenol	14.851	139	84992	6.891	ng		95
57) 2,4-Dinitrotoluene	15.016	165	153052	8.274	ng		88
58) Fluorene	15.716	166	710423	10.082	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.287	232	154053	8.325	ng		96
60) Diethylphthalate	15.486	149	564258	8.541	ng		98
61) 4-Chlorophenyl-phenyle...	15.710	204	340826	9.804	ng		99
62) 4-Nitroaniline	15.722	138	102682	7.723	ng		95
63) Azobenzene	16.004	77	668272	9.905	ng		99
65) 4,6-Dinitro-2-methylph...	15.781	198	49781	5.804	ng		95
66) n-Nitrosodiphenylamine	15.922	169	536220	9.167	ng		99
67) 4-Bromophenyl-phenylether	16.610	248	189316	9.187	ng		98
68) Hexachlorobenzene	16.722	284	245027	9.382	ng		97
69) Atrazine	16.875	200	116188	8.199	ng		99
70) Pentachlorophenol	17.063	266	116451	7.474	ng		97
71) Phenanthrene	17.463	178	1138775	9.644	ng		99
72) Anthracene	17.557	178	1065148	9.475	ng		98
73) Carbazole	17.822	167	945150	9.375	ng		99
74) Di-n-butylphthalate	18.375	149	587118	6.122	ng	#	97
75) Fluoranthene	19.422	202	1310189	9.352	ng		99
77) Benzidine	19.598	184	84779m	6.617	ng		
78) Pyrene	19.775	202	1356981	9.481	ng		99
80) Butylbenzylphthalate	20.645	149	110509	6.941	ng		98
81) Benzo(a)anthracene	21.486	228	1381960	9.421	ng		98
82) 3,3'-Dichlorobenzidine	21.416	252	166938	5.714	ng		99
83) Chrysene	21.545	228	1326861	9.431	ng		99
84) Bis(2-ethylhexyl)phtha...	21.416	149	182452	5.952	ng		98
85) Di-n-octyl phthalate	22.386	149	332319	4.657	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.674	276	1300294	8.922	ng		99
88) Benzo(b)fluoranthene	23.251	252	1232335	9.186	ng		99
89) Benzo(k)fluoranthene	23.304	252	1275035	9.300	ng		98
90) Benzo(a)pyrene	23.915	252	946025	8.742	ng		99
91) Dibenzo(a,h)anthracene	26.698	278	1122250	9.128	ng		99
92) Benzo(g,h,i)perylene	27.486	276	1017333	8.932	ng		98

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

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