Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112222\
Data File : BP012700.D
Acq On : 22 Nov 2022 14:01
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP112222

Manual Integrations APPROVED

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

Quant Time: Nov 23 00:48:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 00:38:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	376367	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	1640776	20.000	ng	0.00
39) Acenaphthene-d10	14.669	164	1115043	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	2470236	20.000	ng	0.00
76) Chrysene-d12	21.516	240	2556017	20.000	ng	0.00
86) Perylene-d12	24.033	264	2272419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1384413	79.689	ng	0.00
7) Phenol-d6	7.181	99	2012501	80.776	ng	0.00
23) Nitrobenzene-d5	9.204	82	2246539	76.361	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	1026665	77.046	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	5847717	74.715	ng	0.00
79) Terphenyl-d14	19.974	244	9500593	78.999	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	267666	36.560	ng	99
3) Pyridine	3.846	79	875493m	37.637	ng	
4) n-Nitrosodimethylamine	3.758	42	372819	36.649	ng	95
6) Aniline	7.357	93	1242089	39.436	ng	98
8) 2-Chlorophenol	7.593	128	894139	39.903	ng	99
9) Benzaldehyde	7.163	77	605538	38.357	ng	98
10) Phenol	7.210	94	1130004	39.802	ng	100
11) bis(2-Chloroethyl)ether	7.452	93	938455	37.857	ng	99
12) 1,3-Dichlorobenzene	7.922	146	1043201	37.464	ng	99
13) 1,4-Dichlorobenzene	8.069	146	1068844	37.374	ng	100
14) 1,2-Dichlorobenzene	8.393	146	1043096	37.539	ng	99
15) Benzyl Alcohol	8.275	79	749168	42.293	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.569	45	1365535	37.174	ng	100
17) 2-Methylphenol	8.469	107	801196	41.319	ng	99
18) Hexachloroethane	9.128	117	385792	36.927	ng	99
19) n-Nitroso-di-n-propyla...	8.852	70	728700	41.435	ng	98
20) 3+4-Methylphenols	8.804	107	1102036	42.207	ng	99
22) Acetophenone	8.863	105	1513459	37.785	ng	99
24) Nitrobenzene	9.246	77	1147892	38.130	ng	100
25) Isophorone	9.775	82	2102347	38.972	ng	100
26) 2-Nitrophenol	9.957	139	432678	42.664	ng	99
27) 2,4-Dimethylphenol	10.016	122	783703	42.368	ng	97
28) bis(2-Chloroethoxy)met...	10.257	93	1236480	38.756	ng	99
29) 2,4-Dichlorophenol	10.493	162	1000430	39.843	ng	100
30) 1,2,4-Trichlorobenzene	10.716	180	1127499	38.257	ng	99
31) Naphthalene	10.904	128	3349804	37.617	ng	100
32) Benzoic acid	10.151	122	430237	44.713	ng	99
33) 4-Chloroaniline	11.010	127	1313416	40.475	ng	99
34) Hexachlorobutadiene	11.193	225	703788	38.055	ng	99
35) Caprolactam	11.793	113	290190	42.786	ng	98
36) 4-Chloro-3-methylphenol	12.116	107	1027539	41.667	ng	98
37) 2-Methylnaphthalene	12.504	142	2437643	38.425	ng	100
38) 1-Methylnaphthalene	12.722	142	2385359	38.294	ng	99
40) 1,2,4,5-Tetrachloroben...	12.869	216	1343817	37.861	ng	100
41) Hexachlorocyclopentadiene	12.851	237	633233	37.512	ng	99
43) 2,4,6-Trichlorophenol	13.098	196	866254	37.377	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	989224	43.063	ng	98
46) 1,1'-Biphenyl	13.510	154	3177503	37.670	ng	100
47) 2-Chloronaphthalene	13.551	162	2502175	37.459	ng	99
48) 2-Nitroaniline	13.745	65	622303	37.009	ng	99
49) Acenaphthylene	14.392	152	3985248	37.570	ng	100
50) Dimethylphthalate	14.128	163	3189945	38.880	ng	100
51) 2,6-Dinitrotoluene	14.239	165	679037	39.380	ng	98
52) Acenaphthene	14.734	154	2558145	38.053	ng	99
53) 3-Nitroaniline	14.569	138	715186	36.914	ng	100
54) 2,4-Dinitrophenol	14.769	184	271490	40.394	ng	99
55) Dibenzofuran	15.069	168	3945837	37.736	ng	100
56) 4-Nitrophenol	14.863	139	588673	37.763	ng	99
57) 2,4-Dinitrotoluene	15.028	165	922777	36.913	ng	97
58) Fluorene	15.722	166	3231106	37.585	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.292	232	916356	40.770	ng	99
60) Diethylphthalate	15.492	149	3113301	40.124	ng	100
61) 4-Chlorophenyl-phenyle...	15.710	204	1619828	37.953	ng	99
62) 4-Nitroaniline	15.733	138	713395	37.079	ng	99
63) Azobenzene	16.004	77	3073889	37.587	ng	99
65) 4,6-Dinitro-2-methylph...	15.786	198	417694	40.967	ng	97
66) n-Nitrosodiphenylamine	15.928	169	2684523	38.883	ng	99
67) 4-Bromophenyl-phenylether	16.610	248	1010433	39.991	ng	99
68) Hexachlorobenzene	16.722	284	1177522	37.717	ng	97
69) Atrazine	16.881	200	834209	39.564	ng	99
70) Pentachlorophenol	17.069	266	747871	41.427	ng	99
71) Phenanthrene	17.469	178	5291041	37.865	ng	99
72) Anthracene	17.557	178	5049220	38.029	ng	99
73) Carbazole	17.822	167	4590315	38.267	ng	100
74) Di-n-butylphthalate	18.375	149	4844198	39.004	ng	99
75) Fluoranthene	19.427	202	6341135	38.466	ng	100
77) Benzidine	19.604	184	640949	42.556	ng	99
78) Pyrene	19.780	202	6554387	38.840	ng	100
80) Butylbenzylphthalate	20.651	149	813816	44.024	ng	99
81) Benzo(a)anthracene	21.498	228	6620196	38.324	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	1516715	37.992	ng	100
83) Chrysene	21.551	228	6348755	38.396	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1655124	44.469	ng	99
85) Di-n-octyl phthalate	22.392	149	3178360	43.672	ng	95
87) Indeno(1,2,3-cd)pyrene	26.692	276	5837807	36.680	ng	100
88) Benzo(b)fluoranthene	23.263	252	6149606	40.443	ng	100
89) Benzo(k)fluoranthene	23.315	252	5962362	38.256	ng	100
90) Benzo(a)pyrene	23.927	252	4749291	39.179	ng	99
91) Dibenzo(a,h)anthracene	26.715	278	4981008	36.715	ng	100
92) Benzo(g,h,i)perylene	27.503	276	4415340	36.062	ng	99

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

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