Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101321\
Data File : BP007405.D
Acq On : 13 Oct 2021 14:56
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP101321

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:15 AM

Quant Time: Oct 13 15:27:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 14:54:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	192716	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	749034	20.00	ng	0.00
39) Acenaphthene-d10	14.604	164	480434	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	1021796	20.00	ng	0.00
76) Chrysene-d12	21.439	240	1002679	20.00	ng	0.00
86) Perylene-d12	23.892	264	1137545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	892209	76.73	ng	0.00
7) Phenol-d6	7.122	99	1208856	77.17	ng	0.00
23) Nitrobenzene-d5	9.128	82	1032673	85.08	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	402367	80.69	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	2316565	73.70	ng	0.00
79) Terphenyl-d14	19.916	244	3519490	71.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	191517	37.54	ng	99
3) Pyridine	3.816	79	528999	38.40	ng	99
4) n-Nitrosodimethylamine	3.728	42	237304	39.43	ng	98
6) Aniline	7.287	93	680766	37.84	ng	99
8) 2-Chlorophenol	7.528	128	461693	38.42	ng	98
9) Benzaldehyde	7.099	77	354300	41.25	ng	96
10) Phenol	7.152	94	582875	38.34	ng	100
11) bis(2-Chloroethyl)ether	7.387	93	472180	38.46	ng	98
12) 1,3-Dichlorobenzene	7.857	146	529510	37.86	ng	100
13) 1,4-Dichlorobenzene	8.004	146	533702	37.70	ng	100
14) 1,2-Dichlorobenzene	8.322	146	502889	37.35	ng	99
15) Benzyl Alcohol	8.204	79	449781	39.07	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	615763	38.37	ng	99
17) 2-Methylphenol	8.404	107	396589	38.53	ng	99
18) Hexachloroethane	9.057	117	194113	38.44	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	351797	38.56	ng	99
20) 3+4-Methylphenols	8.734	107	546548	39.01	ng	99
22) Acetophenone	8.787	105	701310	37.82	ng	99
24) Nitrobenzene	9.169	77	495165	40.84	ng	97
25) Isophorone	9.698	82	972278	38.46	ng	100
26) 2-Nitrophenol	9.881	139	211075	41.12	ng	98
27) 2,4-Dimethylphenol	9.945	122	396521	38.62	ng	99
28) bis(2-Chloroethoxy)met...	10.187	93	622308	37.76	ng	99
29) 2,4-Dichlorophenol	10.416	162	444860	39.92	ng	99
30) 1,2,4-Trichlorobenzene	10.640	180	498739	38.27	ng	99
31) Naphthalene	10.828	128	1404816	37.60	ng	99
32) Benzoic acid	10.063	122	255184	40.70	ng	98
33) 4-Chloroaniline	10.928	127	607294	37.98	ng	98
34) Hexachlorobutadiene	11.128	225	308526	37.52	ng	97
35) Caprolactam	11.687	113	96381	42.51	ng	96
36) 4-Chloro-3-methylphenol	12.051	107	487521	39.52	ng	100
37) 2-Methylnaphthalene	12.434	142	992868	37.83	ng	99
38) 1-Methylnaphthalene	12.651	142	959758	37.64	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	527727	37.43	ng	100
41) Hexachlorocyclopentadiene	12.792	237	303952	39.54	ng	100
43) 2,4,6-Trichlorophenol	13.034	196	342056	40.36	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	339516	40.29	ng	98
46) 1,1'-Biphenyl	13.439	154	1295108	37.33	ng	100
47) 2-Chloronaphthalene	13.481	162	999759	37.48	ng	100
48) 2-Nitroaniline	13.675	65	275380	41.99	ng	100
49) Acenaphthylene	14.328	152	1609172	37.91	ng	100
50) Dimethylphthalate	14.063	163	1319250	38.12	ng	100
51) 2,6-Dinitrotoluene	14.175	165	263610	41.73	ng	97
52) Acenaphthene	14.669	154	1000452	37.93	ng	100
53) 3-Nitroaniline	14.498	138	293473	45.04	ng	96
54) 2,4-Dinitrophenol	14.698	184	93847	47.51	ng	91
55) Dibenzofuran	15.004	168	1581798	37.68	ng	99
56) 4-Nitrophenol	14.792	139	241704	46.21	ng	99
57) 2,4-Dinitrotoluene	14.957	165	346310	41.44	ng	94
58) Fluorene	15.651	166	1144913	41.53	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	335849m	40.74	ng	
60) Diethylphthalate	15.433	149	1328758	37.99	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	594678	41.20	ng	100
62) 4-Nitroaniline	15.657	138	274882	43.93	ng	99
63) Azobenzene	15.945	77	1257054	37.56	ng	100
65) 4,6-Dinitro-2-methylph...	15.722	198	176102	39.99	ng	95
66) n-Nitrosodiphenylamine	15.863	169	1106494	37.89	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	385510	36.96	ng	98
68) Hexachlorobenzene	16.663	284	433712	37.73	ng	98
69) Atrazine	16.816	200	407305	38.56	ng	99
70) Pentachlorophenol	17.004	266	270822	42.28	ng	98
71) Phenanthrene	17.398	178	1982842	37.55	ng	100
72) Anthracene	17.492	178	1969698	37.36	ng	99
73) Carbazole	17.757	167	1993597	37.79	ng	99
74) Di-n-butylphthalate	18.322	149	2335803	38.38	ng	100
75) Fluoranthene	19.363	202	2433718	38.02	ng	100
77) Benzidine	19.533	184	1166655	40.41	ng	100
78) Pyrene	19.710	202	2484737	37.40	ng	99
80) Butylbenzylphthalate	20.592	149	1065192	40.53	ng	98
81) Benzo(a)anthracene	21.421	228	2467542	37.50	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	861625	39.91	ng	100
83) Chrysene	21.480	228	2331807	37.51	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	1536752	38.98	ng	98
85) Di-n-octyl phthalate	22.315	149	2746686	40.37	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	3045635	37.93	ng	100
88) Benzo(b)fluoranthene	23.145	252	2562896	38.00	ng	99
89) Benzo(k)fluoranthene	23.198	252	2404317	36.40	ng	99
90) Benzo(a)pyrene	23.786	252	2169124	37.81	ng	99
91) Dibenzo(a,h)anthracene	26.498	278	2505214	37.82	ng	98
92) Benzo(g,h,i)perylene	27.262	276	2547881	38.08	ng	99

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

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