Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060821\
Data File : BP005786.D
Acq On : 08 Jun 2021 21:56
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060821

Manual Integrations APPROVED
mohammad
6/9/2021 3:53:11 PM

Quant Time: Jun 09 11:59:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	88370	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	318903	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	200592	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	426545	20.000	ng	0.00
76) Chrysene-d12	21.392	240	454808	20.000	ng	0.00
86) Perylene-d12	23.815	264	534572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	411641	74.746	ng	0.00
7) Phenol-d6	7.122	99	537136	75.249	ng	0.00
23) Nitrobenzene-d5	9.122	82	501140	77.044	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	261401	75.938	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1134510	74.268	ng	0.00
79) Terphenyl-d14	19.869	244	1798892	74.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	92448	37.157	ng	99
3) Pyridine	3.805	79	225469m	38.557	ng	
4) n-Nitrosodimethylamine	3.705	42	98237	36.141	ng	98
6) Aniline	7.281	93	296939	37.261	ng	99
8) 2-Chlorophenol	7.522	128	232508	36.822	ng	99
9) Benzaldehyde	7.093	77	125594	41.273	ng	100
10) Phenol	7.152	94	264243	37.057	ng	99
11) bis(2-Chloroethyl)ether	7.381	93	199291	36.882	ng	99
12) 1,3-Dichlorobenzene	7.846	146	259143	36.703	ng	99
13) 1,4-Dichlorobenzene	7.993	146	262187	36.413	ng	100
14) 1,2-Dichlorobenzene	8.310	146	251422	36.530	ng	98
15) Benzyl Alcohol	8.199	79	199713	37.145	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.493	45	181095	36.255	ng	98
17) 2-Methylphenol	8.405	107	180963	37.246	ng	98
18) Hexachloroethane	9.040	117	96517	37.057	ng	97
19) n-Nitroso-di-n-propyla...	8.769	70	160485	36.546	ng	98
20) 3+4-Methylphenols	8.734	107	243374	37.084	ng	98
22) Acetophenone	8.787	105	322370	38.406	ng	99
24) Nitrobenzene	9.163	77	253352	37.509	ng	98
25) Isophorone	9.693	82	445481	37.086	ng	98
26) 2-Nitrophenol	9.875	139	123669	38.373	ng	98
27) 2,4-Dimethylphenol	9.940	122	180220	37.536	ng	98
28) bis(2-Chloroethoxy)met...	10.175	93	229311	36.577	ng	99
29) 2,4-Dichlorophenol	10.410	162	219453	38.034	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	240526	37.100	ng	98
31) Naphthalene	10.816	128	684621	37.104	ng	99
32) Benzoic acid	10.087	122	131039	37.951	ng	98
33) 4-Chloroaniline	10.922	127	278062	37.304	ng	99
34) Hexachlorobutadiene	11.099	225	161933	36.927	ng	99
35) Caprolactam	11.716	113	67384	40.544	ng	97
36) 4-Chloro-3-methylphenol	12.046	107	218864	37.357	ng	99
37) 2-Methylnaphthalene	12.416	142	491721	37.430	ng	98
38) 1-Methylnaphthalene	12.640	142	457927	37.006	ng	99
40) 1,2,4,5-Tetrachloroben...	12.787	216	264159	37.413	ng	99
41) Hexachlorocyclopentadiene	12.763	237	118952	36.727	ng	100
43) 2,4,6-Trichlorophenol	13.022	196	181417	37.460	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	193783	37.154	ng	97
46) 1,1'-Biphenyl	13.422	154	610593	37.753	ng	100
47) 2-Chloronaphthalene	13.463	162	479862	36.334	ng	98
48) 2-Nitroaniline	13.669	65	131089	37.751	ng	96
49) Acenaphthylene	14.304	152	752072	37.118	ng	100
50) Dimethylphthalate	14.045	163	602130	36.509	ng	99
51) 2,6-Dinitrotoluene	14.163	165	139470	37.205	ng	97
52) Acenaphthene	14.645	154	450448	36.608	ng	99
53) 3-Nitroaniline	14.487	138	136205	37.489	ng	99
54) 2,4-Dinitrophenol	14.698	184	76908	37.254	ng	96
55) Dibenzofuran	14.981	168	735302	36.338	ng	98
56) 4-Nitrophenol	14.792	139	111058	37.712	ng	97
57) 2,4-Dinitrotoluene	14.945	165	190454	37.986	ng	97
58) Fluorene	15.628	166	573853	36.398	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	174185m	37.893	ng	
60) Diethylphthalate	15.398	149	611201	36.937	ng	100
61) 4-Chlorophenyl-phenyle...	15.622	204	296290	36.241	ng	99
62) 4-Nitroaniline	15.645	138	137862	36.865	ng	99
63) Azobenzene	15.916	77	547311	36.559	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	118669	37.858	ng	99
66) n-Nitrosodiphenylamine	15.834	169	513944	36.334	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	199202	36.385	ng	97
68) Hexachlorobenzene	16.634	284	233392	35.566	ng	99
69) Atrazine	16.786	200	188338	42.797	ng	99
70) Pentachlorophenol	16.975	266	143644	39.367	ng	99
71) Phenanthrene	17.369	178	918107	35.841	ng	99
72) Anthracene	17.457	178	914788	36.285	ng	100
73) Carbazole	17.728	167	876201	36.200	ng	100
74) Di-n-butylphthalate	18.275	149	1027597	36.643	ng	99
75) Fluoranthene	19.327	202	1128394	36.273	ng	99
77) Benzidine	19.504	184	382520	40.420	ng	99
78) Pyrene	19.675	202	1163873	36.656	ng	99
80) Butylbenzylphthalate	20.539	149	489955	37.508	ng	98
81) Benzo(a)anthracene	21.380	228	1190644	36.266	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	399111	35.163	ng	100
83) Chrysene	21.433	228	1169409	36.776	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	717079	37.430	ng	100
85) Di-n-octyl phthalate	22.221	149	1289684	37.631	ng	100
87) Indeno(1,2,3-cd)pyrene	26.374	276	1673016	36.597	ng	100
88) Benzo(b)fluoranthene	23.080	252	1366765	37.329	ng	99
89) Benzo(k)fluoranthene	23.127	252	1245265	35.074	ng	99
90) Benzo(a)pyrene	23.710	252	1253846	36.425	ng	99
91) Dibenzo(a,h)anthracene	26.392	278	1441274	36.631	ng	100
92) Benzo(g,h,i)perylene	27.156	276	1435926	36.944	ng	99

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

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