Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122921\
Data File : BP008597.D
Acq On : 29 Dec 2021 16:37
Operator : CG/JU
Sample : M5065-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
UV-1WCMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 01:19:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 13:29:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	558411	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2010358	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	1207966	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	2311982	20.000	ng	0.00
76) Chrysene-d12	21.363	240	2179207	20.000	ng	0.00
86) Perylene-d12	23.786	264	2578255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	3251800	106.291	ng	0.01
7) Phenol-d6	7.063	99	3596180	84.451	ng	0.00
23) Nitrobenzene-d5	9.057	82	2457878	72.731	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1627245	99.567	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	6469153	80.902	ng	0.00
79) Terphenyl-d14	19.833	244	8486025	98.983	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	494698	40.027	ng	# 55
3) Pyridine	3.787	79	890816	26.423	ng	98
4) n-Nitrosodimethylamine	3.687	42	465946	42.802	ng	96
6) Aniline	7.228	93	862644	17.430	ng	100
8) 2-Chlorophenol	7.469	128	1463828	40.620	ng	99
9) Benzaldehyde	7.034	77	561416	22.204	ng	99
10) Phenol	7.093	94	1488997	34.637	ng	99
11) bis(2-Chloroethyl)ether	7.322	93	1361571	39.271	ng	99
12) 1,3-Dichlorobenzene	7.793	146	1715305	40.663	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1738940	40.528	ng	98
14) 1,2-Dichlorobenzene	8.257	146	1665483	39.732	ng	98
15) Benzyl Alcohol	8.140	79	1123801	36.844	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1433420	36.332	ng	99
17) 2-Methylphenol	8.346	107	1116699	37.329	ng	99
18) Hexachloroethane	8.987	117	572467	40.923	ng	99
19) n-Nitroso-di-n-propyla...	8.710	70	925176	34.022	ng	98
20) 3+4-Methylphenols	8.669	107	1455502	34.632	ng	99
22) Acetophenone	8.722	105	2036672	42.248	ng	# 99
24) Nitrobenzene	9.099	77	1389262	43.165	ng	100
25) Isophorone	9.628	82	2456412	38.910	ng	99
26) 2-Nitrophenol	9.810	139	680917	44.543	ng	99
27) 2,4-Dimethylphenol	9.881	122	1282930	46.510	ng	98
28) bis(2-Chloroethoxy)met...	10.116	93	1653503	37.831	ng	99
29) 2,4-Dichlorophenol	10.351	162	1392601	41.713	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	1647337	41.845	ng	100
31) Naphthalene	10.757	128	4337643	41.570	ng	100
32) Benzoic acid	9.951	122	171936	9.916	ng	98
33) 4-Chloroaniline	10.863	127	415060	9.276	ng	98
34) Hexachlorobutadiene	11.051	225	990937	41.463	ng	99
35) Caprolactam	11.640	113	307522	28.034	ng	99
36) 4-Chloro-3-methylphenol	11.981	107	1221090	36.591	ng	99
37) 2-Methylnaphthalene	12.363	142	3161662	40.254	ng	100
38) 1-Methylnaphthalene	12.581	142	2899779	37.762	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	1796307	47.202	ng	99
41) Hexachlorocyclopentadiene	12.722	237	2028676	100.247	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	1059220	42.779	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1156449	42.301	ng	99
46) 1,1'-Biphenyl	13.369	154	4023512	45.032	ng	99
47) 2-Chloronaphthalene	13.410	162	3073061	43.887	ng	99
48) 2-Nitroaniline	13.604	65	644537	41.989	ng	98
49) Acenaphthylene	14.251	152	4626752	43.016	ng	100
50) Dimethylphthalate	13.992	163	3585194	38.534	ng	100
51) 2,6-Dinitrotoluene	14.098	165	785284	41.133	ng	99
52) Acenaphthene	14.598	154	2889014	41.055	ng	100
53) 3-Nitroaniline	14.428	138	359948	18.115	ng	98
54) 2,4-Dinitrophenol	14.628	184	163257	18.609	ng	93
55) Dibenzofuran	14.928	168	4516358	40.032	ng	99
56) 4-Nitrophenol	14.734	139	1120900	71.636	ng	98
57) 2,4-Dinitrotoluene	14.886	165	1024463	40.217	ng	99
58) Fluorene	15.581	166	3544739	40.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	945596m	38.595	ng	
60) Diethylphthalate	15.357	149	3353438	36.873	ng	99
61) 4-Chlorophenyl-phenyle...	15.575	204	1883330	38.456	ng	99
62) 4-Nitroaniline	15.586	138	705138	34.942	ng	99
63) Azobenzene	15.869	77	2767656	37.706	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	215702	18.554	ng	98
66) n-Nitrosodiphenylamine	15.786	169	3072830	44.039	ng	99
67) 4-Bromophenyl-phenylether	16.469	248	1089300	43.059	ng	97
68) Hexachlorobenzene	16.592	284	1335331	43.000	ng	97
69) Atrazine	16.739	200	997592	38.222	ng	99
70) Pentachlorophenol	16.928	266	1359188	80.359	ng	100
71) Phenanthrene	17.322	178	5381279	43.172	ng	99
72) Anthracene	17.416	178	5426632	44.681	ng	99
73) Carbazole	17.680	167	4759214	39.924	ng	99
74) Di-n-butylphthalate	18.239	149	5625234	43.133	ng	99
75) Fluoranthene	19.286	202	6030644	40.080	ng	98
77) Benzidine	19.457	184	2135746	34.230	ng	99
78) Pyrene	19.639	202	6160321	43.453	ng	98
80) Butylbenzylphthalate	20.516	149	2349428	41.549	ng	98
81) Benzo(a)anthracene	21.345	228	5927198	41.926	ng	98
82) 3,3'-Dichlorobenzidine	21.274	252	1280589	24.635	ng	98
83) Chrysene	21.398	228	5742366	43.437	ng	98
84) Bis(2-ethylhexyl)phtha...	21.280	149	3538148	41.421	ng	98
85) Di-n-octyl phthalate	22.215	149	5930577	44.854	ng	100
87) Indeno(1,2,3-cd)pyrene	26.327	276	9301946	53.711	ng	100
88) Benzo(b)fluoranthene	23.051	252	6872787	41.451	ng	100
89) Benzo(k)fluoranthene	23.098	252	6595081	40.011	ng	100
90) Benzo(a)pyrene	23.680	252	6814600	50.982	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	7889549	54.002	ng	99
92) Benzo(g,h,i)perylene	27.098	276	7869039	57.601	ng	100

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

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