Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008689.D
Acq On : 05 Jan 2022 13:19
Operator : CG/JU
Sample : PB141733BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB141733BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 03:01:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	502551	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	1945780	20.000	ng		-0.01
39) Acenaphthene-d10	14.522	164	1307003	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2762610	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2040176	20.000	ng		-0.01
86) Perylene-d12	23.774	264	1683999	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	3399853	123.483	ng		0.00
7) Phenol-d6	7.063	99	4119032	107.481	ng		0.00
23) Nitrobenzene-d5	9.046	82	2450840	74.930	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	2393203	135.337	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	6645037	73.661	ng		-0.01
79) Terphenyl-d14	19.827	244	9539387	95.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	346745	31.174	ng		99
3) Pyridine	3.769	79	770948	25.409	ng		99
4) n-Nitrosodimethylamine	3.675	42	396205	40.441	ng		100
6) Aniline	7.210	93	1204012	27.031	ng		98
8) 2-Chlorophenol	7.452	128	1400193	43.173	ng		99
9) Benzaldehyde	7.022	77	249380	11.433	ng		100
10) Phenol	7.087	94	1607887	41.559	ng		98
11) bis(2-Chloroethyl)ether	7.310	93	1198849	38.421	ng		100
12) 1,3-Dichlorobenzene	7.775	146	1484781	39.110	ng		99
13) 1,4-Dichlorobenzene	7.922	146	1517779	39.305	ng		98
14) 1,2-Dichlorobenzene	8.240	146	1469246	38.946	ng		100
15) Benzyl Alcohol	8.128	79	1066640	38.857	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1278088	35.996	ng		99
17) 2-Methylphenol	8.334	107	1109579	41.213	ng		98
18) Hexachloroethane	8.969	117	498404	39.589	ng		96
19) n-Nitroso-di-n-propyla...	8.699	70	874123	35.718	ng		99
20) 3+4-Methylphenols	8.663	107	1518023	40.135	ng		99
22) Acetophenone	8.710	105	1913976	41.021	ng	#	98
24) Nitrobenzene	9.087	77	1297250	41.644	ng		99
25) Isophorone	9.616	82	2272032	37.184	ng		100
26) 2-Nitrophenol	9.798	139	714051	48.261	ng		97
27) 2,4-Dimethylphenol	9.869	122	1216358	45.560	ng		99
28) bis(2-Chloroethoxy)met...	10.098	93	1496111	35.366	ng		100
29) 2,4-Dichlorophenol	10.340	162	1361045	42.121	ng		100
30) 1,2,4-Trichlorobenzene	10.551	180	1458949	38.290	ng		99
31) Naphthalene	10.740	128	3855669	38.177	ng		100
32) Benzoic acid	10.028	122	864783	51.283	ng		97
33) 4-Chloroaniline	10.845	127	668377	15.434	ng		100
34) Hexachlorobutadiene	11.034	225	898172	38.829	ng		99
35) Caprolactam	11.645	113	399134	37.580	ng		99
36) 4-Chloro-3-methylphenol	11.981	107	1280292	39.638	ng		100
37) 2-Methylnaphthalene	12.345	142	2946306	38.757	ng		99
38) 1-Methylnaphthalene	12.569	142	2711858	36.487	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	1720064	41.774	ng		99
41) Hexachlorocyclopentadiene	12.704	237	2148895	98.141	ng		100
43) 2,4,6-Trichlorophenol	12.957	196	1160306	43.311	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1265961	42.798	ng	99
46) 1,1'-Biphenyl	13.357	154	3861503	39.944	ng	99
47) 2-Chloronaphthalene	13.398	162	2962593	39.103	ng	99
48) 2-Nitroaniline	13.598	65	704302	42.406	ng	97
49) Acenaphthylene	14.239	152	4628418	39.771	ng	100
50) Dimethylphthalate	13.981	163	3744892	37.201	ng	100
51) 2,6-Dinitrotoluene	14.092	165	847829	41.044	ng	97
52) Acenaphthene	14.581	154	3245920m	42.629	ng	
53) 3-Nitroaniline	14.416	138	500227	23.267	ng	99
54) 2,4-Dinitrophenol	14.628	184	896276	97.417	ng	98
55) Dibenzofuran	14.916	168	4521219	37.039	ng	100
56) 4-Nitrophenol	14.739	139	1336723	78.956	ng	96
57) 2,4-Dinitrotoluene	14.881	165	1164416	42.247	ng	99
58) Fluorene	15.569	166	3591943	37.761	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	1093336m	41.257	ng	
60) Diethylphthalate	15.345	149	3645508	37.048	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	1969057	37.160	ng	99
62) 4-Nitroaniline	15.586	138	796614	36.484	ng	96
63) Azobenzene	15.857	77	2963369	37.314	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	608698	43.818	ng	99
66) n-Nitrosodiphenylamine	15.775	169	3392311	40.687	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	1382854	45.746	ng	99
68) Hexachlorobenzene	16.580	284	1613667	43.487	ng	97
69) Atrazine	16.733	200	1262150	40.470	ng	99
70) Pentachlorophenol	16.922	266	1828738	90.484	ng	99
71) Phenanthrene	17.310	178	5701067	38.277	ng	99
72) Anthracene	17.404	178	5797006	39.945	ng	100
73) Carbazole	17.675	167	5070121	35.595	ng	99
74) Di-n-butylphthalate	18.227	149	6121703	39.283	ng	99
75) Fluoranthene	19.274	202	6423402	37.494	ng	97
77) Benzidine	19.451	184	1116410	18.214	ng	98
78) Pyrene	19.627	202	6433514	48.472	ng	99
80) Butylbenzylphthalate	20.504	149	2471117	46.679	ng	97
81) Benzo(a)anthracene	21.339	228	5243727	39.619	ng	97
82) 3,3'-Dichlorobenzidine	21.268	252	1471499	30.237	ng	99
83) Chrysene	21.392	228	5015782	40.528	ng	97
84) Bis(2-ethylhexyl)phtha...	21.268	149	3520998	44.029	ng	99
85) Di-n-octyl phthalate	22.198	149	5304388	42.852	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	5364644	47.426	ng	98
88) Benzo(b)fluoranthene	23.039	252	4594224	42.422	ng	99
89) Benzo(k)fluoranthene	23.086	252	4283082	39.783	ng	99
90) Benzo(a)pyrene	23.668	252	4224081	48.383	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	4579437	47.990	ng	98
92) Benzo(g,h,i)perylene	27.080	276	4612903	51.697	ng	99

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

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