Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008469.D
Acq On : 17 Dec 2021 13:48
Operator : CG/JU
Sample : PB141340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 18 06:14:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141340BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
12/18/2021
Supervised By :Jagrut Upadhyay
12/20/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	67803	20.000	ng		-0.02
21) Naphthalene-d8	10.522	136	275645	20.000	ng		-0.02
39) Acenaphthene-d10	14.381	164	184316	20.000	ng		-0.02
64) Phenanthrene-d10	17.151	188	389073	20.000	ng		-0.01
76) Chrysene-d12	21.263	240	384871	20.000	ng		# 0.00
86) Perylene-d12	23.633	264	341549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	574135	133.725	ng		-0.02
7) Phenol-d6	6.928	99	754218	130.797	ng		-0.01
23) Nitrobenzene-d5	8.899	82	493388	75.831	ng		-0.01
42) 2,4,6-Tribromophenol	15.892	330	344386	127.142	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	1080758	74.538	ng		-0.01
79) Terphenyl-d14	19.727	244	1791447	81.009	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	59931	36.293	ng		99
3) Pyridine	3.634	79	137991	26.662	ng		98
4) n-Nitrosodimethylamine	3.546	42	92760	45.414	ng		97
6) Aniline	7.063	93	241641	36.205	ng		95
8) 2-Chlorophenol	7.305	128	208461	47.638	ng		98
9) Benzaldehyde	6.887	77	21900	2.237	ng		97
10) Phenol	6.958	94	289130	49.377	ng		98
11) bis(2-Chloroethyl)ether	7.163	93	199298	40.797	ng		97
12) 1,3-Dichlorobenzene	7.616	146	206648	40.836	ng		99
13) 1,4-Dichlorobenzene	7.763	146	212668	41.295	ng		98
14) 1,2-Dichlorobenzene	8.075	146	207006	41.460	ng		98
15) Benzyl Alcohol	7.987	79	220439	47.525	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	289203	41.844	ng		97
17) 2-Methylphenol	8.199	107	185770	47.957	ng		97
18) Hexachloroethane	8.793	117	78970	41.334	ng		96
19) n-Nitroso-di-n-propyla...	8.546	70	172539	40.341	ng		98
20) 3+4-Methylphenols	8.528	107	251503	47.140	ng		97
22) Acetophenone	8.563	105	316943	39.098	ng	#	99
24) Nitrobenzene	8.940	77	253492	41.510	ng		96
25) Isophorone	9.469	82	446394	41.001	ng		99
26) 2-Nitrophenol	9.652	139	110907	41.096	ng	#	95
27) 2,4-Dimethylphenol	9.722	122	194006	50.129	ng		97
28) bis(2-Chloroethoxy)met...	9.946	93	266187	39.551	ng	#	97
29) 2,4-Dichlorophenol	10.204	162	210050	44.166	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	218187	38.699	ng		98
31) Naphthalene	10.569	128	588112	40.686	ng		99
32) Benzoic acid	9.957	122	118478	41.760	ng		98
33) 4-Chloroaniline	10.710	127	119432	20.625	ng		98
34) Hexachlorobutadiene	10.852	225	153306	37.198	ng		97
35) Caprolactam	11.534	113	64160m	71.242	ng		
36) 4-Chloro-3-methylphenol	11.857	107	241867	45.514	ng		94
37) 2-Methylnaphthalene	12.193	142	441185	44.284	ng		97
38) 1-Methylnaphthalene	12.416	142	405962	41.855	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	266119	37.791	ng		100
41) Hexachlorocyclopentadiene	12.540	237	153972	79.116	ng		99
43) 2,4,6-Trichlorophenol	12.828	196	178483	40.343	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	193297	41.892	ng		98
46) 1,1'-Biphenyl	13.210	154	556841	39.103	ng		97
47) 2-Chloronaphthalene	13.257	162	454562	40.021	ng		99
48) 2-Nitroaniline	13.481	65	164934	43.174	ng		97
49) Acenaphthylene	14.104	152	690880	41.378	ng		99
50) Dimethylphthalate	13.851	163	589726	42.259	ng		100
51) 2,6-Dinitrotoluene	13.981	165	130057	44.643	ng		100
52) Acenaphthene	14.451	154	408955	41.178	ng		99
53) 3-Nitroaniline	14.316	138	83025	30.251	ng	#	92
54) 2,4-Dinitrophenol	14.545	184	156733	103.063	ng		95
55) Dibenzofuran	14.787	168	683208	40.436	ng		98
56) 4-Nitrophenol	14.669	139	162435	101.956	ng		86
57) 2,4-Dinitrotoluene	14.781	165	183979	47.269	ng	#	83
58) Fluorene	15.440	166	549107	41.923	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	170516m	43.264	ng		
60) Diethylphthalate	15.222	149	586624	44.294	ng		99
61) 4-Chlorophenyl-phenyle...	15.434	204	304013	40.622	ng		99
62) 4-Nitroaniline	15.492	138	110777	44.826	ng		92
63) Azobenzene	15.728	77	572900	42.669	ng		97
65) 4,6-Dinitro-2-methylph...	15.563	198	106277	41.807	ng		100
66) n-Nitrosodiphenylamine	15.657	169	490244	40.020	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	199885	39.444	ng		99
68) Hexachlorobenzene	16.457	284	226139	40.520	ng		93
69) Atrazine	16.628	200	193380	71.659	ng		97
70) Pentachlorophenol	16.816	266	234017	93.826	ng		99
71) Phenanthrene	17.192	178	874728	41.504	ng		100
72) Anthracene	17.286	178	894485	43.017	ng		100
73) Carbazole	17.569	167	780657	41.026	ng		99
74) Di-n-butylphthalate	18.116	149	972665	44.554	ng		100
75) Fluoranthene	19.175	202	1054901	44.334	ng		99
77) Benzidine	19.369	184	308880	79.120	ng		98
78) Pyrene	19.528	202	1076757	39.104	ng		100
80) Butylbenzylphthalate	20.404	149	429114	42.803	ng		100
81) Benzo(a)anthracene	21.245	228	1056018	40.942	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	282443	23.800	ng		98
83) Chrysene	21.298	228	1030377	41.821	ng		100
84) Bis(2-ethylhexyl)phtha...	21.169	149	635893	45.048	ng	#	98
85) Di-n-octyl phthalate	22.080	149	1075303	44.168	ng		99
87) Indeno(1,2,3-cd)pyrene	26.104	276	928983	34.553	ng		96
88) Benzo(b)fluoranthene	22.910	252	1013374	49.323	ng		99
89) Benzo(k)fluoranthene	22.957	252	995263	48.036	ng		98
90) Benzo(a)pyrene	23.527	252	935118	52.438	ng		99
91) Dibenzo(a,h)anthracene	26.110	278	803583	35.705	ng	#	97
92) Benzo(g,h,i)perylene	26.857	276	756397	33.939	ng	#	95

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

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