Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
Data File : BP008903.D
Acq On : 25 Jan 2022 12:25
Operator : CG/JU
Sample : PB142179BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 26 01:55:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142179BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	334067	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	1189245	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	668055	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1190236	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1011873	20.000	ng		0.00
86) Perylene-d12	23.745	264	1090976	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	2348949	108.734	ng		0.00
7) Phenol-d6	7.022	99	2712308	103.683	ng		0.00
23) Nitrobenzene-d5	8.999	82	1652406	78.884	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	1027101	105.623	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	3910661	77.196	ng		0.00
79) Terphenyl-d14	19.798	244	4667735	77.864	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	253140	28.951	ng	#	95
3) Pyridine	3.734	79	612657	33.454	ng		98
4) n-Nitrosodimethylamine	3.640	42	323490	37.650	ng		89
6) Aniline	7.169	93	789967	24.195	ng		99
8) 2-Chlorophenol	7.411	128	886957	38.551	ng		99
9) Benzaldehyde	6.975	77	467827	26.757	ng		98
10) Phenol	7.046	94	1020906	38.280	ng		96
11) bis(2-Chloroethyl)ether	7.263	93	802954	37.841	ng		97
12) 1,3-Dichlorobenzene	7.728	146	999948	36.496	ng		98
13) 1,4-Dichlorobenzene	7.875	146	1018335	36.672	ng		99
14) 1,2-Dichlorobenzene	8.193	146	973041	36.749	ng		99
15) Benzyl Alcohol	8.087	79	685758	37.366	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.369	45	868110	36.584	ng		99
17) 2-Methylphenol	8.293	107	662414	37.075	ng		98
18) Hexachloroethane	8.916	117	351413	37.286	ng		98
19) n-Nitroso-di-n-propyla...	8.652	70	554296	36.248	ng		97
20) 3+4-Methylphenols	8.622	107	870020	36.681	ng		99
22) Acetophenone	8.663	105	1209243	39.916	ng	#	97
24) Nitrobenzene	9.046	77	851281	40.233	ng		97
25) Isophorone	9.575	82	1428019	37.723	ng		99
26) 2-Nitrophenol	9.757	139	452685	40.695	ng		96
27) 2,4-Dimethylphenol	9.822	122	709685	37.419	ng		99
28) bis(2-Chloroethoxy)met...	10.052	93	932439	37.747	ng		100
29) 2,4-Dichlorophenol	10.299	162	789480	38.145	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	937213	38.658	ng		99
31) Naphthalene	10.693	128	2464568	38.156	ng		100
32) Benzoic acid	10.005	122	464515	42.677	ng		99
33) 4-Chloroaniline	10.804	127	320066	12.160	ng		98
34) Hexachlorobutadiene	10.981	225	587194	38.766	ng		99
35) Caprolactam	11.599	113	205509	36.020	ng		94
36) 4-Chloro-3-methylphenol	11.946	107	687009	36.794	ng		99
37) 2-Methylnaphthalene	12.304	142	1746211	36.981	ng		98
38) 1-Methylnaphthalene	12.522	142	1596700	36.840	ng		100
40) 1,2,4,5-Tetrachloroben...	12.675	216	1008615	41.408	ng		99
41) Hexachlorocyclopentadiene	12.657	237	1024728	82.217	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	605346	40.195	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	640855	39.537	ng	98
46) 1,1'-Biphenyl	13.316	154	2179757	40.104	ng	100
47) 2-Chloronaphthalene	13.357	162	1672738	39.913	ng	100
48) 2-Nitroaniline	13.563	65	381141	40.958	ng	97
49) Acenaphthylene	14.204	152	2468240	38.981	ng	100
50) Dimethylphthalate	13.940	163	1886720	38.027	ng	99
51) 2,6-Dinitrotoluene	14.057	165	417622	39.687	ng	91
52) Acenaphthene	14.545	154	1482740	39.482	ng	99
53) 3-Nitroaniline	14.393	138	210442	20.335	ng	100
54) 2,4-Dinitrophenol	14.604	184	391498	91.994	ng	94
55) Dibenzofuran	14.881	168	2374685	38.806	ng	98
56) 4-Nitrophenol	14.716	139	623050	83.607	ng	91
57) 2,4-Dinitrotoluene	14.857	165	551220	40.726	ng	94
58) Fluorene	15.534	166	1877388	38.842	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	514000m	38.496	ng	
60) Diethylphthalate	15.310	149	1767964	37.554	ng	98
61) 4-Chlorophenyl-phenyle...	15.528	204	1010177	38.366	ng	100
62) 4-Nitroaniline	15.557	138	371096	37.025	ng	89
63) Azobenzene	15.822	77	1527055	39.070	ng	95
65) 4,6-Dinitro-2-methylph...	15.628	198	266377	44.795	ng	97
66) n-Nitrosodiphenylamine	15.740	169	1588188	41.459	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	605442	40.737	ng	97
68) Hexachlorobenzene	16.545	284	686525	40.310	ng	97
69) Atrazine	16.704	200	534127	37.521	ng	97
70) Pentachlorophenol	16.898	266	759253	83.694	ng	99
71) Phenanthrene	17.281	178	2719901	40.587	ng	99
72) Anthracene	17.369	178	2763464	41.107	ng	99
73) Carbazole	17.645	167	2354115	40.725	ng	99
74) Di-n-butylphthalate	18.198	149	2724519	39.166	ng	99
75) Fluoranthene	19.251	202	2953065	39.626	ng	97
77) Benzidine	19.428	184	971011	27.163	ng	97
78) Pyrene	19.604	202	2984599	42.272	ng	97
80) Butylbenzylphthalate	20.475	149	1094565	38.547	ng	99
81) Benzo(a)anthracene	21.316	228	2692610	39.554	ng	98
82) 3,3'-Dichlorobenzidine	21.245	252	823079	27.987	ng	99
83) Chrysene	21.369	228	2654122	40.220	ng	98
84) Bis(2-ethylhexyl)phtha...	21.239	149	1584670	36.036	ng	96
85) Di-n-octyl phthalate	22.169	149	2657803	35.729	ng	100
87) Indeno(1,2,3-cd)pyrene	26.280	276	4125882	45.895	ng	98
88) Benzo(b)fluoranthene	23.010	252	2907426	39.905	ng	99
89) Benzo(k)fluoranthene	23.057	252	2835599	40.207	ng	99
90) Benzo(a)pyrene	23.639	252	2907278	41.341	ng	99
91) Dibenzo(a,h)anthracene	26.292	278	3511259	45.933	ng	99
92) Benzo(g,h,i)perylene	27.051	276	3468614	46.474	ng	98

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

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