Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
Data File : BP011663.D
Acq On : 09 Sep 2022 14:51
Operator : CG/JU
Sample : PB147541BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 10 00:51:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 10 00:48:09 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147541BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	536758	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	2210739	20.000	ng	# 0.01
39) Acenaphthene-d10	14.616	164	1338185	20.000	ng	0.01
64) Phenanthrene-d10	17.369	188	2708139	20.000	ng	0.01
76) Chrysene-d12	21.457	240	2623777	20.000	ng	0.02
86) Perylene-d12	23.927	264	2660470	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	4861718	160.192	ng	0.00
7) Phenol-d6	7.128	99	5955800	148.307	ng	0.01
23) Nitrobenzene-d5	9.140	82	3227634	89.619	ng	0.01
42) 2,4,6-Tribromophenol	16.104	330	2497000	165.152	ng	0.01
45) 2-Fluorobiphenyl	13.240	172	7757437	82.897	ng	0.01
79) Terphenyl-d14	19.922	244	11438489	91.311	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	454727	38.071	ng	# 77
3) Pyridine	3.805	79	1245819	38.304	ng	# 72
4) n-Nitrosodimethylamine	3.717	42	605688	44.591	ng	# 36
6) Aniline	7.293	93	2233316	48.409	ng	# 88
8) 2-Chlorophenol	7.528	128	1802383	51.938	ng	87
9) Benzaldehyde	7.105	77	601110m	25.499	ng	
10) Phenol	7.158	94	2141330	50.990	ng	81
11) bis(2-Chloroethyl)ether	7.387	93	1608131	48.723	ng	88
12) 1,3-Dichlorobenzene	7.858	146	1908446	48.075	ng	# 91
13) 1,4-Dichlorobenzene	8.005	146	1938555	47.902	ng	96
14) 1,2-Dichlorobenzene	8.322	146	1878797	48.877	ng	96
15) Benzyl Alcohol	8.210	79	1361744m	50.701	ng	
16) 2,2'-oxybis(1-Chloropr...	8.505	45	1774635	41.716	ng	88
17) 2-Methylphenol	8.410	107	1392182	50.154	ng	# 92
18) Hexachloroethane	9.057	117	645254	47.354	ng	94
19) n-Nitroso-di-n-propyla...	8.787	70	1116545	47.744	ng	# 76
20) 3+4-Methylphenols	8.740	107	1844506	49.030	ng	92
22) Acetophenone	8.799	105	2480970	46.428	ng	# 84
24) Nitrobenzene	9.181	77	1676744	45.085	ng	# 84
25) Isophorone	9.710	82	3085574	47.520	ng	# 93
26) 2-Nitrophenol	9.893	139	835799	50.890	ng	# 77
27) 2,4-Dimethylphenol	9.952	122	1568336	55.705	ng	89
28) bis(2-Chloroethoxy)met...	10.193	93	1999387	49.225	ng	97
29) 2,4-Dichlorophenol	10.428	162	1583836	48.243	ng	94
30) 1,2,4-Trichlorobenzene	10.646	180	1692078	43.923	ng	99
31) Naphthalene	10.834	128	5153525	43.592	ng	99
32) Benzoic acid	10.093	122	1022909	52.504	ng	# 84
33) 4-Chloroaniline	10.946	127	1891804	40.563	ng	# 89
34) Hexachlorobutadiene	11.122	225	1013664	44.223	ng	98
35) Caprolactam	11.740	113	468024m	49.477	ng	
36) 4-Chloro-3-methylphenol	12.063	107	1590166	49.156	ng	87
37) 2-Methylnaphthalene	12.440	142	3567424	44.325	ng	96
38) 1-Methylnaphthalene	12.663	142	3383626	43.161	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	1901599	45.244	ng	99
41) Hexachlorocyclopentadiene	12.793	237	2484193	125.024	ng	99
43) 2,4,6-Trichlorophenol	13.046	196	1242205	49.387	ng	100

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44) 2,4,5-Trichlorophenol	13.110	196	1360089	47.369	ng		96
46) 1,1'-Biphenyl	13.451	154	4575125	44.511	ng		98
47) 2-Chloronaphthalene	13.493	162	3469926	43.429	ng		98
48) 2-Nitroaniline	13.693	65	901770	43.918	ng	#	72
49) Acenaphthylene	14.334	152	5433788	44.326	ng		98
50) Dimethylphthalate	14.075	163	4309452	44.234	ng		100
51) 2,6-Dinitrotoluene	14.187	165	933032	49.549	ng	#	77
52) Acenaphthene	14.681	154	3883653m	48.936	ng		
53) 3-Nitroaniline	14.516	138	887626	42.501	ng		83
54) 2,4-Dinitrophenol	14.722	184	1017771	127.082	ng	#	77
55) Dibenzofuran	15.016	168	5223729	43.686	ng		95
56) 4-Nitrophenol	14.822	139	1830631	108.969	ng	#	66
57) 2,4-Dinitrotoluene	14.975	165	1264814	46.979	ng	#	76
58) Fluorene	15.663	166	4236434	43.267	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	1170238	48.293	ng	#	95
60) Diethylphthalate	15.440	149	4259967	44.968	ng		98
61) 4-Chlorophenyl-phenyle...	15.657	204	2168823	44.926	ng		92
62) 4-Nitroaniline	15.681	138	1047872	44.926	ng	#	76
63) Azobenzene	15.951	77	3636071	43.172	ng		86
65) 4,6-Dinitro-2-methylph...	15.740	198	607933	50.928	ng	#	76
66) n-Nitrosodiphenylamine	15.875	169	3716599	45.117	ng		98
67) 4-Bromophenyl-phenylether	16.557	248	1388793	47.185	ng		93
68) Hexachlorobenzene	16.669	284	1617018	46.557	ng	#	90
69) Atrazine	16.834	200	1224825	50.018	ng		99
70) Pentachlorophenol	17.016	266	2105145	111.495	ng		99
71) Phenanthrene	17.416	178	6534863	43.245	ng		97
72) Anthracene	17.504	178	6597971	46.091	ng		98
73) Carbazole	17.769	167	6144724	46.395	ng		99
74) Di-n-butylphthalate	18.322	149	7172830	47.976	ng		98
75) Fluoranthene	19.375	202	7609928	45.682	ng		98
77) Benzidine	19.551	184	5465503	108.981	ng		98
78) Pyrene	19.728	202	7680879	44.042	ng		98
80) Butylbenzylphthalate	20.598	149	3171561	45.643	ng		87
81) Benzo(a)anthracene	21.439	228	7642859	44.374	ng		96
82) 3,3'-Dichlorobenzidine	21.369	252	2993598	53.281	ng		99
83) Chrysene	21.492	228	7081601	43.454	ng		96
84) Bis(2-ethylhexyl)phtha...	21.357	149	4525706	44.229	ng		98
85) Di-n-octyl phthalate	22.316	149	7561376	47.872	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.533	276	9135254	45.125	ng		99
88) Benzo(b)fluoranthene	23.174	252	8076878	48.392	ng		99
89) Benzo(k)fluoranthene	23.227	252	7870078	45.708	ng		98
90) Benzo(a)pyrene	23.821	252	7029825	50.975	ng		98
91) Dibenzo(a,h)anthracene	26.557	278	8070824	47.524	ng		99
92) Benzo(g,h,i)perylene	27.333	276	7784579	47.679	ng		99

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

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