Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
Data File : BP005613.D
Acq On : 19 May 2021 16:02
Operator : CG/JU
Sample : PB136538BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 20 03:24:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB136538BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.657	152	8717	20.00	ng		0.00
21) Naphthalene-d8	10.446	136	31047	20.00	ng	#	0.00
39) Acenaphthene-d10	14.310	164	27041	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	72543	20.00	ng	#	0.00
76) Chrysene-d12	21.180	240	108295	20.00	ng	#	0.00
86) Perylene-d12	23.468	264	118942	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	61955	136.40	ng		0.00
7) Phenol-d6	6.857	99	67365	118.94	ng		0.00
23) Nitrobenzene-d5	8.828	82	61815	78.37	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	91094	118.71	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	174537	72.81	ng		0.00
79) Terphenyl-d14	19.651	244	520351	81.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	6357	35.40	ng		91
3) Pyridine	3.558	79	13823	34.37	ng	#	77
4) n-Nitrosodimethylamine	3.469	42	15996	49.46	ng	#	6
6) Aniline	6.999	93	24659	40.34	ng	#	88
8) 2-Chlorophenol	7.228	128	21507	44.09	ng		91
9) Benzaldehyde	6.810	77	18904	67.99	ng	#	76
10) Phenol	6.887	94	24445	43.15	ng	#	42
11) bis(2-Chloroethyl)ether	7.099	93	16041	41.00	ng		99
12) 1,3-Dichlorobenzene	7.540	146	26716	41.16	ng	#	84
13) 1,4-Dichlorobenzene	7.693	146	26502	40.97	ng		96
14) 1,2-Dichlorobenzene	8.004	146	26237	42.31	ng		95
15) Benzyl Alcohol	7.922	79	23228	42.51	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.199	45	7898	40.88	ng	#	61
17) 2-Methylphenol	8.128	107	16743	43.03	ng	#	81
18) Hexachloroethane	8.716	117	12049	44.96	ng	#	87
19) n-Nitroso-di-n-propyla...	8.475	70	17819	42.96	ng		91
20) 3+4-Methylphenols	8.457	107	22645	43.78	ng		86
22) Acetophenone	8.493	105	33711	38.49	ng	#	88
24) Nitrobenzene	8.869	77	30651	38.74	ng		91
25) Isophorone	9.393	82	42896	35.12	ng	#	95
26) 2-Nitrophenol	9.581	139	12522	37.79	ng	#	80
27) 2,4-Dimethylphenol	9.651	122	18766	42.79	ng	#	77
28) bis(2-Chloroethoxy)met...	9.875	93	21001	41.07	ng		97
29) 2,4-Dichlorophenol	10.128	162	26561	38.57	ng		97
30) 1,2,4-Trichlorobenzene	10.316	180	35673	40.55	ng		94
31) Naphthalene	10.498	128	63641	38.12	ng		96
32) Benzoic acid	9.863	122	12099	35.71	ng	#	65
33) 4-Chloroaniline	10.640	127	14774	22.72	ng	#	87
34) Hexachlorobutadiene	10.769	225	32980	44.95	ng		93
35) Caprolactam	11.451	113	5916m	37.34	ng		
36) 4-Chloro-3-methylphenol	11.787	107	25159	40.98	ng		92
37) 2-Methylnaphthalene	12.122	142	54084	40.38	ng		95
38) 1-Methylnaphthalene	12.340	142	49838	39.42	ng		96
40) 1,2,4,5-Tetrachloroben...	12.492	216	50221	40.42	ng		97
41) Hexachlorocyclopentadiene	12.457	237	43108	82.28	ng		94
43) 2,4,6-Trichlorophenol	12.751	196	30006	38.66	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	31120	37.15	ng		95
46) 1,1'-Biphenyl	13.145	154	80298	38.57	ng		96
47) 2-Chloronaphthalene	13.187	162	65578	37.83	ng		99
48) 2-Nitroaniline	13.416	65	21029	42.70	ng		89
49) Acenaphthylene	14.034	152	97344	38.98	ng		99
50) Dimethylphthalate	13.787	163	93863	40.21	ng		98
51) 2,6-Dinitrotoluene	13.916	165	20069	38.29	ng		88
52) Acenaphthene	14.375	154	59042	38.00	ng		95
53) 3-Nitroaniline	14.251	138	9859	26.25	ng	#	98
54) 2,4-Dinitrophenol	14.475	184	26650	84.28	ng	#	78
55) Dibenzofuran	14.716	168	113826	38.94	ng		97
56) 4-Nitrophenol	14.592	139	21290	75.10	ng	#	62
57) 2,4-Dinitrotoluene	14.716	165	30539	39.52	ng	#	87
58) Fluorene	15.369	166	96356	40.38	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.957	232	33870	40.44	ng		94
60) Diethylphthalate	15.151	149	95709	42.33	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	65835	44.09	ng		95
62) 4-Nitroaniline	15.422	138	14193	39.34	ng	#	60
63) Azobenzene	15.657	77	102569	44.01	ng		84
65) 4,6-Dinitro-2-methylph...	15.486	198	20160	35.07	ng		95
66) n-Nitrosodiphenylamine	15.586	169	83743	39.55	ng	#	93
67) 4-Bromophenyl-phenylether	16.263	248	47465	41.92	ng		94
68) Hexachlorobenzene	16.375	284	58792	40.94	ng		97
69) Atrazine	16.551	200	43906	44.39	ng		100
70) Pentachlorophenol	16.733	266	61814	81.13	ng		95
71) Phenanthrene	17.116	178	166415	40.37	ng		99
72) Anthracene	17.204	178	176239	43.08	ng		99
73) Carbazole	17.492	167	138991	38.58	ng		99
74) Di-n-butylphthalate	18.039	149	169035	42.75	ng		97
75) Fluoranthene	19.098	202	239700	42.28	ng		97
77) Benzidine	19.292	184	139988	83.51	ng		99
78) Pyrene	19.451	202	249359	40.67	ng		99
80) Butylbenzylphthalate	20.327	149	82348	41.57	ng	#	86
81) Benzo(a)anthracene	21.163	228	289551	41.26	ng		99
82) 3,3'-Dichlorobenzidine	21.104	252	96035	36.32	ng	#	97
83) Chrysene	21.216	228	278863	41.00	ng		98
84) Bis(2-ethylhexyl)phtha...	21.086	149	126897	41.89	ng	#	97
85) Di-n-octyl phthalate	21.968	149	217956	42.84	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.856	276	401401	40.11	ng	#	96
88) Benzo(b)fluoranthene	22.774	252	342412	43.20	ng	#	98
89) Benzo(k)fluoranthene	22.821	252	313954	40.51	ng	#	98
90) Benzo(a)pyrene	23.374	252	317855	43.75	ng	#	98
91) Dibenzo(a,h)anthracene	25.862	278	348665	39.49	ng	#	97
92) Benzo(g,h,i)perylene	26.586	276	331802	40.61	ng	#	94

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

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