Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
Data File : BP004420.D
Acq On : 23 Dec 2020 12:30
Operator : CG/JU
Sample : PB133592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 13:17:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB133592BS

Manual Integrations APPROVED
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12/24/2020 8:09:04 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	225250	20.00	ng		0.00
21) Naphthalene-d8	10.622	136	799344	20.00	ng		# 0.00
39) Acenaphthene-d10	14.475	164	439062	20.00	ng		0.00
64) Phenanthrene-d10	17.234	188	872756	20.00	ng		# 0.00
76) Chrysene-d12	21.327	240	888382	20.00	ng		0.00
86) Perylene-d12	23.686	264	1002364	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	1530963	111.37	ng		0.00
7) Phenol-d6	6.999	99	1976974	102.15	ng		0.00
23) Nitrobenzene-d5	8.981	82	1111091	66.08	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	666695	113.80	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	2421047	69.89	ng		0.00
79) Terphenyl-d14	19.798	244	3220589	69.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	250072	38.38	ng		91
3) Pyridine	3.734	79	649658	36.75	ng		94
4) n-Nitrosodimethylamine	3.652	42	212695	37.27	ng	#	85
6) Aniline	7.152	93	684043	30.66	ng		93
8) 2-Chlorophenol	7.393	128	648227	44.17	ng		88
9) Benzaldehyde	6.969	77	127766	10.59	ng		86
10) Phenol	7.022	94	790570	41.33	ng		94
11) bis(2-Chloroethyl)ether	7.252	93	654523	41.15	ng		91
12) 1,3-Dichlorobenzene	7.716	146	804139	42.53	ng	#	96
13) 1,4-Dichlorobenzene	7.863	146	809922	42.55	ng		98
14) 1,2-Dichlorobenzene	8.181	146	759234	42.10	ng		98
15) Benzyl Alcohol	8.063	79	506741	42.12	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.358	45	714078	35.21	ng		92
17) 2-Methylphenol	8.269	107	518283	42.49	ng		97
18) Hexachloroethane	8.905	117	295254	42.84	ng		99
19) n-Nitroso-di-n-propyla...	8.628	70	444689	38.85	ng	#	89
20) 3+4-Methylphenols	8.599	107	680797	42.01	ng		96
22) Acetophenone	8.646	105	933804	43.28	ng	#	94
24) Nitrobenzene	9.028	77	706818	42.67	ng	#	87
25) Isophorone	9.546	82	1225008	44.32	ng	#	91
26) 2-Nitrophenol	9.734	139	337514	49.96	ng	#	86
27) 2,4-Dimethylphenol	9.799	122	539912	51.77	ng		95
28) bis(2-Chloroethoxy)met...	10.034	93	787106	40.02	ng		98
29) 2,4-Dichlorophenol	10.269	162	575831	46.98	ng		95
30) 1,2,4-Trichlorobenzene	10.487	180	714389	43.59	ng		99
31) Naphthalene	10.675	128	1974815	43.47	ng		100
32) Benzoic acid	9.922	122	273443	40.60	ng	#	84
33) 4-Chloroaniline	10.781	127	393841	21.47	ng	#	95
34) Hexachlorobutadiene	10.957	225	454719	44.27	ng		99
35) Caprolactam	11.546	113	158968	39.48	ng	#	56
36) 4-Chloro-3-methylphenol	11.916	107	538021	43.75	ng		96
37) 2-Methylnaphthalene	12.287	142	1340867	42.24	ng		99
38) 1-Methylnaphthalene	12.504	142	1243288	41.28	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	747952	47.10	ng		98
41) Hexachlorocyclopentadiene	12.640	237	954723	119.88	ng		100
43) 2,4,6-Trichlorophenol	12.898	196	439685	45.61	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	464963	45.40	ng		97
46) 1,1'-Biphenyl	13.304	154	1636022	44.10	ng		97
47) 2-Chloronaphthalene	13.345	162	1289975	42.38	ng		99
48) 2-Nitroaniline	13.545	65	311755	37.21	ng	#	72
49) Acenaphthylene	14.193	152	1946810	43.47	ng		100
50) Dimethylphthalate	13.928	163	1459863	40.41	ng		100
51) 2,6-Dinitrotoluene	14.045	165	332651	43.81	ng	#	84
52) Acenaphthene	14.540	154	1336883m	47.85	ng		
53) 3-Nitroaniline	14.375	138	199977	24.04	ng	#	81
54) 2,4-Dinitrophenol	14.592	184	320531	89.88	ng	#	88
55) Dibenzofuran	14.875	168	1860818	42.09	ng		99
56) 4-Nitrophenol	14.698	139	525966	84.47	ng		86
57) 2,4-Dinitrotoluene	14.845	165	444625	41.73	ng	#	85
58) Fluorene	15.528	166	1454084	41.89	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	401210	45.63	ng		94
60) Diethylphthalate	15.298	149	1401493	40.44	ng		99
61) 4-Chlorophenyl-phenyle...	15.522	204	779797	41.28	ng		93
62) 4-Nitroaniline	15.545	138	307873	35.47	ng		90
63) Azobenzene	15.816	77	1303799	39.50	ng		92
65) 4,6-Dinitro-2-methylph...	15.616	198	230187	53.04	ng		96
66) n-Nitrosodiphenylamine	15.739	169	1231049	44.76	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	482240	44.33	ng		96
68) Hexachlorobenzene	16.539	284	543698	41.89	ng		98
69) Atrazine	16.692	200	358147	40.24	ng		98
70) Pentachlorophenol	16.886	266	584310	94.99	ng		100
71) Phenanthrene	17.275	178	2245633	42.79	ng		99
72) Anthracene	17.369	178	2269342	45.78	ng		100
73) Carbazole	17.639	167	2001855	43.60	ng		99
74) Di-n-butylphthalate	18.192	149	2223168	44.65	ng		99
75) Fluoranthene	19.251	202	2636554	43.74	ng		99
77) Benzidine	19.428	184	830328	54.01	ng		97
78) Pyrene	19.604	202	2707673	44.72	ng		100
80) Butylbenzylphthalate	20.475	149	978238	43.39	ng	#	87
81) Benzo(a)anthracene	21.310	228	2690849	44.11	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	716907	36.24	ng		100
83) Chrysene	21.363	228	2580844	43.91	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	1451151	41.54	ng		99
85) Di-n-octyl phthalate	22.145	149	2520976	44.16	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.115	276	3831365	50.00	ng		99
88) Benzo(b)fluoranthene	22.969	252	2913060	44.10	ng		100
89) Benzo(k)fluoranthene	23.016	252	2944086	44.89	ng		99
90) Benzo(a)pyrene	23.580	252	2703244	44.89	ng		100
91) Dibenzo(a,h)anthracene	26.127	278	3164917	50.24	ng		99
92) Benzo(g,h,i)perylene	26.857	276	3256259	52.94	ng		99

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

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