Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113020\
Data File : BP004113.D
Acq On : 30 Nov 2020 15:40
Operator : CG/JU
Sample : PB133301BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 30 16:09:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB133301BSD

Manual Integrations APPROVED
mohammad
12/1/2020 10:43:17 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.263	152	161261	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	606752	20.00	ng	#	0.00
39) Acenaphthene-d10	14.893	164	343097	20.00	ng		0.00
64) Phenanthrene-d10	17.628	188	664518	20.00	ng	#	0.00
76) Chrysene-d12	21.663	240	564523	20.00	ng		0.00
86) Perylene-d12	24.139	264	465451	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	990550	102.52	ng		0.00
7) Phenol-d6	7.452	99	1263734	91.11	ng		0.00
23) Nitrobenzene-d5	9.434	82	713878	57.62	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	373695	87.08	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1505808	61.36	ng		0.00
79) Terphenyl-d14	20.122	244	1758562	60.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	170749	40.96	ng	#	61
3) Pyridine	3.923	79	379219	31.02	ng	#	61
4) n-Nitrosodimethylamine	3.823	42	202839	36.04	ng	#	55
6) Aniline	7.569	93	378656	24.04	ng	#	82
8) 2-Chlorophenol	7.840	128	402224	39.21	ng	#	81
9) Benzaldehyde	7.369	77	59158	6.48	ng	#	81
10) Phenol	7.475	94	498908	37.28	ng		83
11) bis(2-Chloroethyl)ether	7.658	93	404323	37.59	ng	#	83
12) 1,3-Dichlorobenzene	8.158	146	453349	36.06	ng	#	95
13) 1,4-Dichlorobenzene	8.299	146	462001	36.45	ng		96
14) 1,2-Dichlorobenzene	8.634	146	440471	36.38	ng		97
15) Benzyl Alcohol	8.505	79	348640	36.29	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.793	45	620049	34.22	ng		82
17) 2-Methylphenol	8.740	107	329132	37.45	ng	#	94
18) Hexachloroethane	9.375	117	170436	37.84	ng		98
19) n-Nitroso-di-n-propyla...	9.069	70	303709	36.64	ng	#	76
20) 3+4-Methylphenols	9.063	107	432145	36.84	ng		90
22) Acetophenone	9.087	105	593362	36.43	ng	#	84
24) Nitrobenzene	9.475	77	456435	37.07	ng	#	82
25) Isophorone	9.999	82	795356	37.80	ng	#	90
26) 2-Nitrophenol	10.199	139	215023	44.73	ng	#	75
27) 2,4-Dimethylphenol	10.269	122	341265	42.56	ng		92
28) bis(2-Chloroethoxy)met...	10.469	93	497892	34.48	ng		98
29) 2,4-Dichlorophenol	10.763	162	359389	37.19	ng		95
30) 1,2,4-Trichlorobenzene	10.963	180	424995	36.10	ng		99
31) Naphthalene	11.146	128	1182092	36.31	ng		100
32) Benzoic acid	10.457	122	107247	24.06	ng	#	77
33) 4-Chloroaniline	11.240	127	250083	18.07	ng	#	89
34) Hexachlorobutadiene	11.457	225	275231	35.84	ng		98
35) Caprolactam	11.987	113	101025	33.81	ng	#	17
36) 4-Chloro-3-methylphenol	12.381	107	363495	34.85	ng		89
37) 2-Methylnaphthalene	12.734	142	822482	35.30	ng		98
38) 1-Methylnaphthalene	12.951	142	757924	34.10	ng		98
40) 1,2,4,5-Tetrachloroben...	13.116	216	450613	39.68	ng		99
41) Hexachlorocyclopentadiene	13.104	237	313438	54.71	ng		100
43) 2,4,6-Trichlorophenol	13.351	196	261546	37.26	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	272628	36.89	ng		96
46) 1,1'-Biphenyl	13.722	154	1011610	37.98	ng		98
47) 2-Chloronaphthalene	13.775	162	791985	36.24	ng		99
48) 2-Nitroaniline	13.963	65	237784	36.47	ng	#	61
49) Acenaphthylene	14.616	152	1174055	36.59	ng		99
50) Dimethylphthalate	14.322	163	916641	34.18	ng		99
51) 2,6-Dinitrotoluene	14.440	165	205935	37.42	ng	#	72
52) Acenaphthene	14.957	154	821874m	38.45	ng		
53) 3-Nitroaniline	14.775	138	137082	22.51	ng	#	76
54) 2,4-Dinitrophenol	14.998	184	160390	58.97	ng	#	86
55) Dibenzofuran	15.287	168	1131338	35.62	ng		100
56) 4-Nitrophenol	15.122	139	269631	61.42	ng	#	66
57) 2,4-Dinitrotoluene	15.240	165	272600	36.90	ng	#	78
58) Fluorene	15.934	166	893029	35.11	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	217081	32.58	ng		98
60) Diethylphthalate	15.675	149	892927	34.00	ng		99
61) 4-Chlorophenyl-phenyle...	15.910	204	474414	34.14	ng		96
62) 4-Nitroaniline	15.940	138	189163	29.79	ng		86
63) Azobenzene	16.204	77	853381	34.42	ng		86
65) 4,6-Dinitro-2-methylph...	16.016	198	135249	39.15	ng	#	79
66) n-Nitrosodiphenylamine	16.122	169	767533	37.73	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	281642	36.22	ng		96
68) Hexachlorobenzene	16.969	284	309242	34.86	ng		97
69) Atrazine	17.057	200	215187	32.22	ng		98
70) Pentachlorophenol	17.304	266	231822	54.62	ng		99
71) Phenanthrene	17.669	178	1310742	35.15	ng		99
72) Anthracene	17.757	178	1336055	37.09	ng		99
73) Carbazole	18.016	167	1173513	35.12	ng		99
74) Di-n-butylphthalate	18.528	149	1417909	36.65	ng		99
75) Fluoranthene	19.604	202	1483913	34.48	ng		99
77) Benzidine	19.751	184	368054	27.64	ng		99
78) Pyrene	19.957	202	1497436	39.09	ng		98
80) Butylbenzylphthalate	20.769	149	599170	41.97	ng	#	84
81) Benzo(a)anthracene	21.645	228	1340087	36.00	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	346604	26.99	ng		99
83) Chrysene	21.704	228	1290622	36.08	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	863879	41.06	ng		99
85) Di-n-octyl phthalate	22.445	149	1452573	41.44	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.704	276	1412780	42.08	ng		99
88) Benzo(b)fluoranthene	23.386	252	1304213	42.82	ng		99
89) Benzo(k)fluoranthene	23.433	252	1260048	41.90	ng		99
90) Benzo(a)pyrene	24.033	252	1144507	40.59	ng		99
91) Dibenzo(a,h)anthracene	26.698	278	1203425	43.00	ng		99
92) Benzo(g,h,i)perylene	27.498	276	1198463	44.24	ng		98

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

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