Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113020\
Data File : BP004110.D
Acq On : 30 Nov 2020 13:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 30 14:03:58 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.263	152	182959	20.00	ng		0.00
21) Naphthalene-d8	11.099	136	651224	20.00	ng	#	0.00
39) Acenaphthene-d10	14.893	164	356645	20.00	ng		0.00
64) Phenanthrene-d10	17.628	188	627953	20.00	ng	#	0.00
76) Chrysene-d12	21.663	240	465193	20.00	ng		0.00
86) Perylene-d12	24.139	264	472799	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	841785	76.79	ng		0.00
7) Phenol-d6	7.452	99	1147181	72.90	ng		0.00
23) Nitrobenzene-d5	9.434	82	997692	75.03	ng		0.00
42) 2,4,6-Tribromophenol	16.381	330	297550	66.70	ng		0.00
45) 2-Fluorobiphenyl	13.516	172	2032509	79.67	ng		0.00
79) Terphenyl-d14	20.128	244	1984980	82.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	172208	36.41	ng	#	61
3) Pyridine	3.922	79	498597	35.94	ng	#	62
4) n-Nitrosodimethylamine	3.822	42	238913	37.41	ng	#	54
6) Aniline	7.575	93	655023	36.66	ng	#	85
8) 2-Chlorophenol	7.840	128	439870	37.79	ng	#	79
9) Benzaldehyde	7.369	77	282451	39.97	ng	#	81
10) Phenol	7.475	94	547151	36.03	ng		81
11) bis(2-Chloroethyl)ether	7.658	93	446815	36.61	ng	#	79
12) 1,3-Dichlorobenzene	8.158	146	538747	37.77	ng	#	93
13) 1,4-Dichlorobenzene	8.299	146	542012	37.69	ng		97
14) 1,2-Dichlorobenzene	8.634	146	511371	37.23	ng		97
15) Benzyl Alcohol	8.505	79	397470	36.47	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	723936	35.22	ng		82
17) 2-Methylphenol	8.740	107	366791	36.79	ng	#	95
18) Hexachloroethane	9.375	117	199587	39.05	ng		99
19) n-Nitroso-di-n-propyla...	9.069	70	336700	35.80	ng	#	77
20) 3+4-Methylphenols	9.069	107	482618	36.26	ng	#	86
22) Acetophenone	9.087	105	650122	37.19	ng	#	83
24) Nitrobenzene	9.475	77	507763	38.43	ng	#	81
25) Isophorone	9.999	82	845427	37.43	ng	#	91
26) 2-Nitrophenol	10.199	139	236064	45.75	ng	#	75
27) 2,4-Dimethylphenol	10.269	122	324936	37.75	ng		92
28) bis(2-Chloroethoxy)met...	10.469	93	567771	36.64	ng		98
29) 2,4-Dichlorophenol	10.763	162	399961	38.57	ng		96
30) 1,2,4-Trichlorobenzene	10.969	180	492009	38.94	ng		98
31) Naphthalene	11.146	128	1307488	37.41	ng		100
32) Benzoic acid	10.457	122	124992	25.41	ng	#	83
33) 4-Chloroaniline	11.246	127	525157	35.36	ng	#	90
34) Hexachlorobutadiene	11.457	225	325983	39.55	ng		99
35) Caprolactam	11.993	113	108088	33.71	ng	#	17
36) 4-Chloro-3-methylphenol	12.381	107	389944	34.83	ng		88
37) 2-Methylnaphthalene	12.734	142	895849	35.82	ng		97
38) 1-Methylnaphthalene	12.951	142	835285	35.02	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	491590	41.65	ng		99
41) Hexachlorocyclopentadiene	13.104	237	259967	43.66	ng		98
43) 2,4,6-Trichlorophenol	13.351	196	290617	39.83	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	295454	38.46	ng		97
46) 1,1'-Biphenyl	13.722	154	1092186	39.45	ng		98
47) 2-Chloronaphthalene	13.775	162	895200	39.41	ng		99
48) 2-Nitroaniline	13.963	65	271957	40.12	ng	#	61
49) Acenaphthylene	14.616	152	1269650	38.06	ng		100
50) Dimethylphthalate	14.322	163	988956	35.48	ng		99
51) 2,6-Dinitrotoluene	14.440	165	215645	37.70	ng	#	74
52) Acenaphthene	14.957	154	791990	35.64	ng		99
53) 3-Nitroaniline	14.781	138	223165	35.25	ng	#	79
54) 2,4-Dinitrophenol	14.998	184	149574	54.50	ng	#	84
55) Dibenzofuran	15.287	168	1193457	36.15	ng		99
56) 4-Nitrophenol	15.128	139	168619	36.95	ng	#	66
57) 2,4-Dinitrotoluene	15.240	165	278490	36.26	ng	#	78
58) Fluorene	15.934	166	928199	35.11	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.528	232	229762	33.18	ng		98
60) Diethylphthalate	15.675	149	916046	33.56	ng		99
61) 4-Chlorophenyl-phenyle...	15.910	204	514114	35.59	ng		98
62) 4-Nitroaniline	15.940	138	217449	32.94	ng		88
63) Azobenzene	16.204	77	882720	34.25	ng		85
65) 4,6-Dinitro-2-methylph...	16.022	198	122141	37.69	ng		84
66) n-Nitrosodiphenylamine	16.122	169	783033	40.73	ng		98
67) 4-Bromophenyl-phenylether	16.804	248	300394	40.88	ng		99
68) Hexachlorobenzene	16.969	284	326802	38.98	ng		97
69) Atrazine	17.057	200	221974	35.17	ng		98
70) Pentachlorophenol	17.310	266	138719	34.59	ng		98
71) Phenanthrene	17.669	178	1305441	37.04	ng		99
72) Anthracene	17.763	178	1268732	37.27	ng		98
73) Carbazole	18.016	167	1108563	35.11	ng		99
74) Di-n-butylphthalate	18.528	149	1341197	36.69	ng		99
75) Fluoranthene	19.604	202	1328966	32.68	ng		98
77) Benzidine	19.751	184	371137	33.82	ng		100
78) Pyrene	19.957	202	1334739	42.28	ng		98
80) Butylbenzylphthalate	20.769	149	527081	44.81	ng	#	86
81) Benzo(a)anthracene	21.651	228	1176330	38.34	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	413982	39.12	ng		99
83) Chrysene	21.704	228	1127066	38.24	ng		98
84) Bis(2-ethylhexyl)phtha...	21.522	149	732539	42.25	ng		98
85) Di-n-octyl phthalate	22.451	149	1258674	43.57	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.710	276	1433825	42.04	ng		99
88) Benzo(b)fluoranthene	23.386	252	1159203	37.47	ng		100
89) Benzo(k)fluoranthene	23.433	252	1162722	38.06	ng		99
90) Benzo(a)pyrene	24.033	252	1095849	38.26	ng		99
91) Dibenzo(a,h)anthracene	26.704	278	1193137	41.97	ng		99
92) Benzo(g,h,i)perylene	27.498	276	1168560	42.46	ng		96

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

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