Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
Data File : BP003938.D
Acq On : 12 Nov 2020 14:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 12 15:59:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.281	152	152959	20.00	ng		0.00
21) Naphthalene-d8	11.116	136	576232	20.00	ng	#	0.00
39) Acenaphthene-d10	14.910	164	353538	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	759891	20.00	ng	#	0.00
76) Chrysene-d12	21.674	240	644715	20.00	ng		0.00
86) Perylene-d12	24.157	264	685600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	718543	78.40	ng		0.00
7) Phenol-d6	7.452	99	1009398	76.72	ng		0.00
23) Nitrobenzene-d5	9.446	82	906627	77.06	ng		0.00
42) 2,4,6-Tribromophenol	16.392	330	352471	79.71	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	1925235	76.13	ng		0.00
79) Terphenyl-d14	20.133	244	2669052	79.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	147420	37.28	ng	#	59
3) Pyridine	3.928	79	431715	37.23	ng	#	60
4) n-Nitrosodimethylamine	3.828	42	214150	40.11	ng	#	50
6) Aniline	7.587	93	574942	38.49	ng	#	84
8) 2-Chlorophenol	7.852	128	380918	39.15	ng	#	79
9) Benzaldehyde	7.387	77	249403	43.09	ng	#	79
10) Phenol	7.481	94	485819	38.27	ng		82
11) bis(2-Chloroethyl)ether	7.669	93	383161	37.55	ng	#	78
12) 1,3-Dichlorobenzene	8.175	146	455555	38.20	ng	#	93
13) 1,4-Dichlorobenzene	8.316	146	466403	38.79	ng		96
14) 1,2-Dichlorobenzene	8.652	146	440028	38.32	ng		97
15) Benzyl Alcohol	8.516	79	368707	40.46	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.810	45	646866	37.64	ng		81
17) 2-Methylphenol	8.746	107	325301	39.03	ng	#	93
18) Hexachloroethane	9.393	117	175297	41.03	ng		97
19) n-Nitroso-di-n-propyla...	9.087	70	311635	39.63	ng	#	75
20) 3+4-Methylphenols	9.075	107	438108	39.37	ng		93
22) Acetophenone	9.104	105	582082	37.63	ng	#	84
24) Nitrobenzene	9.487	77	458804	39.24	ng	#	80
25) Isophorone	10.016	82	793534	39.71	ng	#	89
26) 2-Nitrophenol	10.216	139	206855	45.31	ng	#	72
27) 2,4-Dimethylphenol	10.281	122	295794	38.84	ng		90
28) bis(2-Chloroethoxy)met...	10.487	93	511291	37.28	ng		97
29) 2,4-Dichlorophenol	10.769	162	362589	39.51	ng		95
30) 1,2,4-Trichlorobenzene	10.981	180	430743	38.53	ng		100
31) Naphthalene	11.163	128	1170734	37.86	ng		100
32) Benzoic acid	10.440	122	143144	30.45	ng	#	76
33) 4-Chloroaniline	11.257	127	503675	38.33	ng	#	89
34) Hexachlorobutadiene	11.475	225	283665	38.90	ng		97
35) Caprolactam	11.998	113	122635	43.22	ng	#	12
36) 4-Chloro-3-methylphenol	12.387	107	388025	39.17	ng		88
37) 2-Methylnaphthalene	12.751	142	823905	37.23	ng		97
38) 1-Methylnaphthalene	12.969	142	782867	37.09	ng		98
40) 1,2,4,5-Tetrachloroben...	13.134	216	452722	38.69	ng		99
41) Hexachlorocyclopentadiene	13.122	237	200170	33.91	ng		98
43) 2,4,6-Trichlorophenol	13.357	196	291783	40.34	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	300131	39.41	ng		97
46) 1,1'-Biphenyl	13.739	154	1044519	38.06	ng		98
47) 2-Chloronaphthalene	13.787	162	861306	38.25	ng		99
48) 2-Nitroaniline	13.969	65	302441	45.01	ng	#	58
49) Acenaphthylene	14.628	152	1286561	38.91	ng		99
50) Dimethylphthalate	14.334	163	1074690	38.89	ng		100
51) 2,6-Dinitrotoluene	14.451	165	233138	41.12	ng	#	71
52) Acenaphthene	14.969	154	846232	38.42	ng		98
53) 3-Nitroaniline	14.786	138	262996	41.90	ng	#	75
54) 2,4-Dinitrophenol	14.998	184	94487	39.02	ng	#	75
55) Dibenzofuran	15.298	168	1246644	38.09	ng		99
56) 4-Nitrophenol	15.110	139	182123	40.26	ng	#	62
57) 2,4-Dinitrotoluene	15.245	165	327628	43.04	ng	#	74
58) Fluorene	15.945	166	1000389	38.17	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.539	232	257320	37.48	ng		97
60) Diethylphthalate	15.686	149	1072154	39.62	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	543287	37.94	ng		98
62) 4-Nitroaniline	15.945	138	282565	43.18	ng		85
63) Azobenzene	16.216	77	997216	39.03	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	157022	39.65	ng	#	82
66) n-Nitrosodiphenylamine	16.133	169	882689	37.95	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	336203	37.81	ng		98
68) Hexachlorobenzene	16.980	284	375614	37.02	ng		97
69) Atrazine	17.069	200	301933	39.54	ng		99
70) Pentachlorophenol	17.310	266	181941	37.49	ng		98
71) Phenanthrene	17.680	178	1591864	37.33	ng		99
72) Anthracene	17.769	178	1568615	38.08	ng		99
73) Carbazole	18.022	167	1477055	38.65	ng		98
74) Di-n-butylphthalate	18.539	149	1839671	41.59	ng	#	99
75) Fluoranthene	19.616	202	1718226	34.92	ng		100
77) Benzidine	19.763	184	731104	48.08	ng		100
78) Pyrene	19.963	202	1750401	40.01	ng		99
80) Butylbenzylphthalate	20.780	149	745749	45.74	ng	#	85
81) Benzo(a)anthracene	21.657	228	1646450	38.73	ng		99
82) 3,3'-Dichlorobenzidine	21.568	252	603282	41.14	ng		99
83) Chrysene	21.716	228	1558536	38.15	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1020847	42.48	ng		99
85) Di-n-octyl phthalate	22.468	149	1869084	46.69	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.727	276	1837427	37.15	ng		97
88) Benzo(b)fluoranthene	23.404	252	1661168	37.02	ng		98
89) Benzo(k)fluoranthene	23.451	252	1554354	35.09	ng		99
90) Benzo(a)pyrene	24.051	252	1536698	37.00	ng		99
91) Dibenzo(a,h)anthracene	26.727	278	1536379	37.27	ng		98
92) Benzo(g,h,i)perylene	27.521	276	1566387	39.25	ng		97

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

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