Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
Data File : BP003633.D
Acq On : 15 Oct 2020 20:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 16 00:24:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 17:03:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	84684	20.00	ng	# 0.00
21) Naphthalene-d8	11.387	136	310123	20.00	ng	# 0.00
39) Acenaphthene-d10	15.140	164	218511	20.00	ng	-0.01
64) Phenanthrene-d10	17.851	188	495555	20.00	ng	-0.01
76) Chrysene-d12	21.863	240	510185	20.00	ng	#-0.02
86) Perylene-d12	24.433	264	494825	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	382396	77.63	ng	0.00
7) Phenol-d6	7.681	99	561538	78.26	ng	0.00
23) Nitrobenzene-d5	9.705	82	572478	85.59	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	275026	94.40	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1258224	75.54	ng	0.00
79) Terphenyl-d14	20.316	244	2232458	79.17	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	76769	36.38	ng	# 86
3) Pyridine	4.134	79	231406	37.64	ng	# 90
4) n-Nitrosodimethylamine	4.028	42	101430	38.39	ng	# 61
6) Aniline	7.834	93	319479	38.04	ng	# 83
8) 2-Chlorophenol	8.105	128	195998	39.14	ng	# 82
9) Benzaldehyde	7.634	77	149375	39.77	ng	# 78
10) Phenol	7.711	94	266900	38.52	ng	77
11) bis(2-Chloroethyl)ether	7.917	93	207402	37.28	ng	88
12) 1,3-Dichlorobenzene	8.434	146	246537	37.86	ng	# 88
13) 1,4-Dichlorobenzene	8.575	146	247747	37.93	ng	# 93
14) 1,2-Dichlorobenzene	8.911	146	238035	37.99	ng	# 94
15) Benzyl Alcohol	8.764	79	228612	39.67	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	9.069	45	208610	36.63	ng	98
17) 2-Methylphenol	8.987	107	183544	39.09	ng	# 89
18) Hexachloroethane	9.669	117	97511	38.40	ng	96
19) n-Nitroso-di-n-propyla...	9.340	70	183544	38.37	ng	# 87
20) 3+4-Methylphenols	9.311	107	249460	39.91	ng	91
22) Acetophenone	9.358	105	347353	37.94	ng	# 87
24) Nitrobenzene	9.752	77	274808	41.73	ng	# 76
25) Isophorone	10.275	82	482596	38.66	ng	# 89
26) 2-Nitrophenol	10.475	139	109390	54.93	ng	# 61
27) 2,4-Dimethylphenol	10.528	122	163904	39.85	ng	# 83
28) bis(2-Chloroethoxy)met...	10.746	93	290714	37.88	ng	98
29) 2,4-Dichlorophenol	11.028	162	215415	41.96	ng	93
30) 1,2,4-Trichlorobenzene	11.252	180	261795	38.44	ng	99
31) Naphthalene	11.440	128	641988	38.61	ng	99
32) Benzoic acid	10.658	122	120618	53.40	ng	# 61
33) 4-Chloroaniline	11.516	127	281896	39.26	ng	# 86
34) Hexachlorobutadiene	11.746	225	194711	38.57	ng	100
35) Caprolactam	12.234	113	71101	43.70	ng	# 66
36) 4-Chloro-3-methylphenol	12.616	107	248502	42.41	ng	# 83
37) 2-Methylnaphthalene	13.004	142	478307	38.67	ng	# 95
38) 1-Methylnaphthalene	13.216	142	452926	38.95	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.375	216	317684	38.35	ng	98
41) Hexachlorocyclopentadiene	13.369	237	178085	38.57	ng	98
43) 2,4,6-Trichlorophenol	13.593	196	202879	44.16	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.663	196	207986	43.11	ng	#	92
46) 1,1'-Biphenyl	13.975	154	643763	38.13	ng		98
47) 2-Chloronaphthalene	14.028	162	532837	37.91	ng		97
48) 2-Nitroaniline	14.199	65	175824	44.33	ng	#	59
49) Acenaphthylene	14.863	152	787100	38.44	ng		99
50) Dimethylphthalate	14.563	163	698453	38.93	ng		99
51) 2,6-Dinitrotoluene	14.675	165	143707	44.47	ng	#	65
52) Acenaphthene	15.204	154	528479	39.62	ng		90
53) 3-Nitroaniline	15.004	138	146100	44.85	ng	#	61
54) 2,4-Dinitrophenol	15.204	184	70084	51.16	ng	#	1
55) Dibenzofuran	15.528	168	795715	38.38	ng		97
56) 4-Nitrophenol	15.304	139	111568	47.69	ng	#	45
57) 2,4-Dinitrotoluene	15.457	165	201493	43.18	ng	#	67
58) Fluorene	16.169	166	651033	38.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.751	232	208295	46.94	ng		93
60) Diethylphthalate	15.904	149	691001	39.18	ng		99
61) 4-Chlorophenyl-phenyle...	16.145	204	388775	39.12	ng		97
62) 4-Nitroaniline	16.157	138	161899	44.66	ng	#	56
63) Azobenzene	16.434	77	649406	38.27	ng		84
65) 4,6-Dinitro-2-methylph...	16.222	198	99604	46.75	ng		90
66) n-Nitrosodiphenylamine	16.351	169	568645	38.42	ng		100
67) 4-Bromophenyl-phenylether	17.034	248	254619	39.14	ng		99
68) Hexachlorobenzene	17.198	284	287912	38.75	ng		95
69) Atrazine	17.269	200	228730	39.65	ng		96
70) Pentachlorophenol	17.516	266	162281	48.02	ng		99
71) Phenanthrene	17.898	178	1052823	38.24	ng		99
72) Anthracene	17.981	178	1029995	38.36	ng		99
73) Carbazole	18.228	167	923962	38.10	ng		98
74) Di-n-butylphthalate	18.728	149	1172525	39.69	ng	#	97
75) Fluoranthene	19.804	202	1309661	38.43	ng		99
77) Benzidine	19.945	184	400836	33.51	ng		100
78) Pyrene	20.151	202	1312291	38.70	ng		98
80) Butylbenzylphthalate	20.957	149	516368	43.60	ng	#	80
81) Benzo(a)anthracene	21.845	228	1315628	38.35	ng		99
82) 3,3'-Dichlorobenzidine	21.745	252	485430	40.02	ng		98
83) Chrysene	21.904	228	1241310	38.25	ng		98
84) Bis(2-ethylhexyl)phtha...	21.704	149	733945	40.83	ng		99
85) Di-n-octyl phthalate	22.669	149	1217602	41.96	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.127	276	1456633	38.79	ng	#	91
88) Benzo(b)fluoranthene	23.651	252	1336585	38.87	ng	#	97
89) Benzo(k)fluoranthene	23.698	252	1239066	38.38	ng	#	96
90) Benzo(a)pyrene	24.327	252	1195635	38.61	ng	#	96
91) Dibenzo(a,h)anthracene	27.127	278	1219708	38.94	ng	#	94
92) Benzo(g,h,i)perylene	27.957	276	1141131	38.60	ng	#	91

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

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