Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003970.D
Acq On : 17 Nov 2020 12:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 17 12:53:35 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	152768	20.00	ng		0.00
21) Naphthalene-d8	11.110	136	610279	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	386173	20.00	ng		0.00
64) Phenanthrene-d10	17.639	188	822041	20.00	ng	#	0.00
76) Chrysene-d12	21.674	240	754958	20.00	ng		0.00
86) Perylene-d12	24.163	264	767264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	699461	76.42	ng		0.00
7) Phenol-d6	7.452	99	1026017	78.09	ng		0.00
23) Nitrobenzene-d5	9.446	82	939384	75.39	ng		0.00
42) 2,4,6-Tribromophenol	16.387	330	387465	80.22	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	2084077	75.45	ng		0.00
79) Terphenyl-d14	20.139	244	3072478	78.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	140243	35.51	ng	#	61
3) Pyridine	3.928	79	422120	36.45	ng	#	56
4) n-Nitrosodimethylamine	3.828	42	211991	39.76	ng	#	52
6) Aniline	7.587	93	589882	39.54	ng	#	84
8) 2-Chlorophenol	7.852	128	383919	39.50	ng	#	80
9) Benzaldehyde	7.381	77	251989	43.79	ng	#	80
10) Phenol	7.475	94	494155	38.97	ng		81
11) bis(2-Chloroethyl)ether	7.669	93	394232	38.68	ng	#	79
12) 1,3-Dichlorobenzene	8.175	146	456387	38.32	ng	#	93
13) 1,4-Dichlorobenzene	8.316	146	459092	38.23	ng		95
14) 1,2-Dichlorobenzene	8.652	146	441163	38.47	ng		97
15) Benzyl Alcohol	8.516	79	383040	42.09	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.810	45	662237	38.58	ng		82
17) 2-Methylphenol	8.740	107	336255	40.39	ng	#	93
18) Hexachloroethane	9.393	117	172882	40.51	ng		96
19) n-Nitroso-di-n-propyla...	9.087	70	329274	41.93	ng	#	76
20) 3+4-Methylphenols	9.069	107	458173	41.23	ng		94
22) Acetophenone	9.099	105	620566	37.88	ng	#	85
24) Nitrobenzene	9.487	77	480977	38.84	ng	#	80
25) Isophorone	10.010	82	855017	40.40	ng	#	90
26) 2-Nitrophenol	10.210	139	218104	45.11	ng	#	71
27) 2,4-Dimethylphenol	10.281	122	310231	38.46	ng		90
28) bis(2-Chloroethoxy)met...	10.487	93	548374	37.76	ng		98
29) 2,4-Dichlorophenol	10.769	162	384280	39.54	ng		95
30) 1,2,4-Trichlorobenzene	10.981	180	447273	37.77	ng		100
31) Naphthalene	11.163	128	1225877	37.43	ng		100
32) Benzoic acid	10.440	122	165633	32.49	ng	#	72
33) 4-Chloroaniline	11.252	127	533436	38.33	ng	#	88
34) Hexachlorobutadiene	11.475	225	294937	38.19	ng		100
35) Caprolactam	11.999	113	130398	43.39	ng	#	18
36) 4-Chloro-3-methylphenol	12.381	107	420366	40.07	ng		87
37) 2-Methylnaphthalene	12.751	142	882736	37.67	ng		97
38) 1-Methylnaphthalene	12.969	142	834558	37.33	ng		99
40) 1,2,4,5-Tetrachloroben...	13.128	216	484650	37.92	ng		99
41) Hexachlorocyclopentadiene	13.122	237	290272	45.02	ng		98
43) 2,4,6-Trichlorophenol	13.357	196	317370	40.17	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	330525	39.73	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1131517	37.75	ng		98
47) 2-Chloronaphthalene	13.787	162	932238	37.90	ng		99
48) 2-Nitroaniline	13.969	65	325794	44.39	ng	#	59
49) Acenaphthylene	14.628	152	1391314	38.52	ng		100
50) Dimethylphthalate	14.334	163	1177557	39.01	ng		99
51) 2,6-Dinitrotoluene	14.451	165	252499	40.77	ng	#	71
52) Acenaphthene	14.969	154	916498	38.09	ng		99
53) 3-Nitroaniline	14.787	138	278949	40.69	ng	#	74
54) 2,4-Dinitrophenol	14.992	184	105123	39.57	ng	#	50
55) Dibenzofuran	15.298	168	1353927	37.88	ng		99
56) 4-Nitrophenol	15.110	139	190888	38.63	ng	#	59
57) 2,4-Dinitrotoluene	15.240	165	352987	42.45	ng	#	71
58) Fluorene	15.945	166	1086239	37.95	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.534	232	288944	38.53	ng		100
60) Diethylphthalate	15.687	149	1171109	39.62	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	596153	38.11	ng		99
62) 4-Nitroaniline	15.945	138	296053	41.42	ng		86
63) Azobenzene	16.216	77	1081941	38.77	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	166776	39.04	ng	#	82
66) n-Nitrosodiphenylamine	16.134	169	954430	37.93	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	368049	38.27	ng		98
68) Hexachlorobenzene	16.981	284	412126	37.55	ng		97
69) Atrazine	17.069	200	324533	39.28	ng		98
70) Pentachlorophenol	17.310	266	210012	40.00	ng		99
71) Phenanthrene	17.681	178	1722616	37.34	ng		99
72) Anthracene	17.769	178	1686465	37.85	ng		99
73) Carbazole	18.022	167	1566550	37.90	ng		98
74) Di-n-butylphthalate	18.539	149	2010628	42.01	ng	#	99
75) Fluoranthene	19.616	202	2019212	37.93	ng		99
77) Benzidine	19.763	184	677103	38.02	ng		99
78) Pyrene	19.963	202	2047112	39.96	ng		99
80) Butylbenzylphthalate	20.786	149	904945	47.40	ng	#	87
81) Benzo(a)anthracene	21.657	228	1921927	38.60	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	691122	40.24	ng		99
83) Chrysene	21.716	228	1823248	38.12	ng		99
84) Bis(2-ethylhexyl)phtha...	21.533	149	1269074	45.10	ng		99
85) Di-n-octyl phthalate	22.469	149	2138608	45.62	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.739	276	2026461	36.61	ng		99
88) Benzo(b)fluoranthene	23.410	252	1815476	36.16	ng		99
89) Benzo(k)fluoranthene	23.457	252	1829260	36.90	ng		99
90) Benzo(a)pyrene	24.051	252	1722844	37.07	ng		100
91) Dibenzo(a,h)anthracene	26.733	278	1690682	36.64	ng		98
92) Benzo(g,h,i)perylene	27.527	276	1641414	36.75	ng		98

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

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