Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
Data File : BP004426.D
Acq On : 23 Dec 2020 16:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 23 16:51:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	347907	20.00	ng		-0.01
21) Naphthalene-d8	10.616	136	1215884	20.00	ng		#-0.01
39) Acenaphthene-d10	14.469	164	685007	20.00	ng		0.00
64) Phenanthrene-d10	17.234	188	1467686	20.00	ng		# 0.00
76) Chrysene-d12	21.327	240	1613091	20.00	ng		0.00
86) Perylene-d12	23.680	264	1895336	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	1609485	75.81	ng		0.00
7) Phenol-d6	6.993	99	2161747	72.32	ng		0.00
23) Nitrobenzene-d5	8.981	82	2352649	91.98	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	779136	85.24	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	4940429	91.41	ng		-0.01
79) Terphenyl-d14	19.798	244	7427492	88.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	333090	33.10	ng		90
3) Pyridine	3.734	79	850828	31.16	ng		93
4) n-Nitrosodimethylamine	3.652	42	289090	32.80	ng	#	85
6) Aniline	7.152	93	1230943	35.72	ng		93
8) 2-Chlorophenol	7.387	128	876440	38.67	ng		87
9) Benzaldehyde	6.963	77	701700	37.65	ng		84
10) Phenol	7.022	94	1056042	35.75	ng		95
11) bis(2-Chloroethyl)ether	7.246	93	875705	35.65	ng		91
12) 1,3-Dichlorobenzene	7.710	146	1111661	38.06	ng	#	96
13) 1,4-Dichlorobenzene	7.858	146	1116013	37.96	ng		97
14) 1,2-Dichlorobenzene	8.175	146	1042420	37.42	ng		98
15) Benzyl Alcohol	8.058	79	705559	37.97	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.352	45	991072	31.64	ng		92
17) 2-Methylphenol	8.263	107	714657	37.93	ng		97
18) Hexachloroethane	8.899	117	406289	38.17	ng		99
19) n-Nitroso-di-n-propyla...	8.628	70	591986	33.49	ng	#	89
20) 3+4-Methylphenols	8.593	107	948829	37.91	ng		98
22) Acetophenone	8.646	105	1235360	37.65	ng	#	95
24) Nitrobenzene	9.022	77	956362	37.95	ng	#	86
25) Isophorone	9.546	82	1589363	37.80	ng	#	92
26) 2-Nitrophenol	9.734	139	468926	45.86	ng	#	90
27) 2,4-Dimethylphenol	9.793	122	628752	39.63	ng		96
28) bis(2-Chloroethoxy)met...	10.028	93	1079659	36.09	ng		98
29) 2,4-Dichlorophenol	10.269	162	807290	43.30	ng		97
30) 1,2,4-Trichlorobenzene	10.481	180	996244	39.96	ng		98
31) Naphthalene	10.669	128	2631557	38.08	ng		100
32) Benzoic acid	9.940	122	457610	43.94	ng		86
33) 4-Chloroaniline	10.775	127	1070189	38.35	ng	#	95
34) Hexachlorobutadiene	10.951	225	655240	41.94	ng		99
35) Caprolactam	11.551	113	237470	38.77	ng	#	60
36) 4-Chloro-3-methylphenol	11.910	107	747730	39.97	ng		95
37) 2-Methylnaphthalene	12.281	142	1796019	37.19	ng		99
38) 1-Methylnaphthalene	12.504	142	1687775	36.84	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	1004096	40.53	ng		99
41) Hexachlorocyclopentadiene	12.634	237	739050	59.48	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	639202	42.60	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	661972	41.51	ng		97
46) 1,1'-Biphenyl	13.298	154	2208600	38.16	ng		98
47) 2-Chloronaphthalene	13.340	162	1827923	38.49	ng		99
48) 2-Nitroaniline	13.545	65	496381	37.95	ng	#	73
49) Acenaphthylene	14.193	152	2711377	38.80	ng		100
50) Dimethylphthalate	13.928	163	2135713	37.89	ng		100
51) 2,6-Dinitrotoluene	14.045	165	479409	40.46	ng	#	83
52) Acenaphthene	14.534	154	1622476	37.22	ng		99
53) 3-Nitroaniline	14.375	138	521077	40.15	ng	#	82
54) 2,4-Dinitrophenol	14.592	184	240412	45.95	ng	#	89
55) Dibenzofuran	14.869	168	2597784	37.66	ng		99
56) 4-Nitrophenol	14.692	139	392391	40.39	ng	#	85
57) 2,4-Dinitrotoluene	14.840	165	660147	39.75	ng	#	83
58) Fluorene	15.528	166	2024693	37.39	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	591752	43.14	ng		94
60) Diethylphthalate	15.298	149	2074877	38.38	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	1117320	37.91	ng		95
62) 4-Nitroaniline	15.545	138	556911	41.12	ng		89
63) Azobenzene	15.816	77	1860556	36.13	ng		92
65) 4,6-Dinitro-2-methylph...	15.610	198	337271	46.75	ng		93
66) n-Nitrosodiphenylamine	15.734	169	1754022	37.92	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	731041	39.96	ng		97
68) Hexachlorobenzene	16.539	284	843293	38.64	ng		97
69) Atrazine	16.692	200	547069	36.55	ng		97
70) Pentachlorophenol	16.881	266	436446	42.19	ng		99
71) Phenanthrene	17.275	178	3308928	37.50	ng		99
72) Anthracene	17.363	178	3223441	38.67	ng		99
73) Carbazole	17.639	167	3024451	39.17	ng		99
74) Di-n-butylphthalate	18.192	149	3500995	41.81	ng		99
75) Fluoranthene	19.245	202	4061650	40.07	ng		98
77) Benzidine	19.422	184	1367152	48.98	ng		98
78) Pyrene	19.598	202	4183142	38.05	ng		99
80) Butylbenzylphthalate	20.475	149	1707379	41.84	ng		90
81) Benzo(a)anthracene	21.310	228	4354696	39.31	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	1490263	41.04	ng		98
83) Chrysene	21.363	228	4147188	38.86	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	2389339	37.99	ng		99
85) Di-n-octyl phthalate	22.145	149	4310068	41.85	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.115	276	5866939	40.49	ng		98
88) Benzo(b)fluoranthene	22.968	252	4758585	38.10	ng		99
89) Benzo(k)fluoranthene	23.016	252	4677274	37.72	ng		99
90) Benzo(a)pyrene	23.580	252	4555188	40.01	ng		98
91) Dibenzo(a,h)anthracene	26.127	278	4776658	40.10	ng		98
92) Benzo(g,h,i)perylene	26.857	276	4779762	41.10	ng		98

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

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