Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010721\
Data File : BP004479.D
Acq On : 07 Jan 2021 14:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jan 07 14:53:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 14:50:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	221411	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	885206	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	553786	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1237106	20.00	ng		0.00
76) Chrysene-d12	21.322	240	1315404	20.00	ng		0.00
86) Perylene-d12	23.674	264	1419653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1026971	76.00	ng		0.00
7) Phenol-d6	6.987	99	1492355	78.45	ng		0.00
23) Nitrobenzene-d5	8.975	82	1437186	77.18	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	635590	86.02	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	3393344	77.66	ng		0.00
79) Terphenyl-d14	19.792	244	5518974	80.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	243659	38.04	ng		93
3) Pyridine	3.722	79	596266	34.32	ng		95
4) n-Nitrosodimethylamine	3.640	42	190840	34.02	ng	#	84
6) Aniline	7.140	93	838687	38.24	ng		93
8) 2-Chlorophenol	7.381	128	584573	40.52	ng		90
9) Benzaldehyde	6.958	77	410787	34.64	ng		85
10) Phenol	7.011	94	733103	38.99	ng		95
11) bis(2-Chloroethyl)ether	7.240	93	606717	38.81	ng		91
12) 1,3-Dichlorobenzene	7.705	146	724599	38.99	ng	#	97
13) 1,4-Dichlorobenzene	7.852	146	734017	39.23	ng		98
14) 1,2-Dichlorobenzene	8.169	146	705773	39.81	ng		99
15) Benzyl Alcohol	8.052	79	467195	39.50	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.346	45	676000	33.91	ng		93
17) 2-Methylphenol	8.258	107	506220	42.22	ng		96
18) Hexachloroethane	8.893	117	271238	40.04	ng		99
19) n-Nitroso-di-n-propyla...	8.622	70	434675	38.63	ng	#	91
20) 3+4-Methylphenols	8.587	107	679385	42.65	ng		98
22) Acetophenone	8.634	105	919115	38.47	ng	#	94
24) Nitrobenzene	9.016	77	708359	38.61	ng	#	86
25) Isophorone	9.540	82	1241921	40.57	ng	#	92
26) 2-Nitrophenol	9.728	139	308596	41.71	ng	#	90
27) 2,4-Dimethylphenol	9.787	122	465473	40.30	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	831495	38.17	ng		98
29) 2,4-Dichlorophenol	10.257	162	600903	44.27	ng		96
30) 1,2,4-Trichlorobenzene	10.475	180	730565	40.25	ng		98
31) Naphthalene	10.663	128	1996166	39.68	ng		100
32) Benzoic acid	9.928	122	292725	39.49	ng		87
33) 4-Chloroaniline	10.769	127	820051	40.37	ng	#	95
34) Hexachlorobutadiene	10.946	225	467753	41.13	ng		99
35) Caprolactam	11.546	113	194004	43.51	ng	#	59
36) 4-Chloro-3-methylphenol	11.904	107	587452	43.14	ng		95
37) 2-Methylnaphthalene	12.275	142	1420455	40.41	ng		99
38) 1-Methylnaphthalene	12.498	142	1349255	40.45	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	802342	40.06	ng		99
41) Hexachlorocyclopentadiene	12.628	237	431337	42.94	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	499657	41.24	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	533536	41.39	ng		98
46) 1,1'-Biphenyl	13.293	154	1808492	38.65	ng		98
47) 2-Chloronaphthalene	13.334	162	1502259	39.13	ng		99
48) 2-Nitroaniline	13.540	65	381577	36.14	ng	#	73
49) Acenaphthylene	14.187	152	2278611	40.34	ng		100
50) Dimethylphthalate	13.922	163	1839204	40.36	ng		99
51) 2,6-Dinitrotoluene	14.040	165	408180	42.62	ng	#	84
52) Acenaphthene	14.528	154	1356411	38.49	ng		99
53) 3-Nitroaniline	14.369	138	441592	42.09	ng		83
54) 2,4-Dinitrophenol	14.587	184	184795	43.95	ng	#	87
55) Dibenzofuran	14.869	168	2216206	39.74	ng		98
56) 4-Nitrophenol	14.687	139	341438	43.47	ng	#	84
57) 2,4-Dinitrotoluene	14.840	165	563945	41.96	ng	#	85
58) Fluorene	15.522	166	1733298	39.59	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	483772	43.63	ng	#	93
60) Diethylphthalate	15.292	149	1790486	40.96	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	973871	40.87	ng		93
62) 4-Nitroaniline	15.540	138	462553	42.25	ng		91
63) Azobenzene	15.810	77	1588633	38.16	ng		93
65) 4,6-Dinitro-2-methylph...	15.610	198	257139	42.68	ng		96
66) n-Nitrosodiphenylamine	15.728	169	1512125	38.78	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	635340	41.21	ng		97
68) Hexachlorobenzene	16.534	284	726360	39.49	ng		97
69) Atrazine	16.686	200	435314	34.51	ng		97
70) Pentachlorophenol	16.875	266	373678	42.86	ng		99
71) Phenanthrene	17.269	178	2895843	38.93	ng		99
72) Anthracene	17.363	178	2818531	40.12	ng		100
73) Carbazole	17.634	167	2616793	40.21	ng		99
74) Di-n-butylphthalate	18.186	149	2984586	42.28	ng		99
75) Fluoranthene	19.245	202	3523785	41.24	ng		99
77) Benzidine	19.422	184	670364	29.45	ng		99
78) Pyrene	19.598	202	3638080	40.58	ng		100
80) Butylbenzylphthalate	20.469	149	1280850	38.78	ng		90
81) Benzo(a)anthracene	21.310	228	3644719	40.35	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	1092618	37.21	ng		98
83) Chrysene	21.357	228	3525371	40.51	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1925968	37.59	ng		99
85) Di-n-octyl phthalate	22.139	149	3294884	39.51	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.104	276	4341634	40.00	ng		99
88) Benzo(b)fluoranthene	22.963	252	3767874	40.27	ng		99
89) Benzo(k)fluoranthene	23.010	252	3766313	40.55	ng		99
90) Benzo(a)pyrene	23.574	252	3559036	41.73	ng		99
91) Dibenzo(a,h)anthracene	26.115	278	3537205	39.64	ng		99
92) Benzo(g,h,i)perylene	26.845	276	3507432	40.26	ng		99

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

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