Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004501.D
Acq On : 12 Jan 2021 12:23
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Jan 12 13:03:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 12:59:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	214004	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	822979	20.00	ng	#	0.00
39) Acenaphthene-d10	14.469	164	547559	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1211657	20.00	ng		0.00
76) Chrysene-d12	21.322	240	1247496	20.00	ng		0.00
86) Perylene-d12	23.674	264	1356738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	859744	65.83	ng		0.00
7) Phenol-d6	6.987	99	1198847	65.20	ng		0.00
23) Nitrobenzene-d5	8.975	82	1049560	60.63	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	692567	94.79	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2991819	69.25	ng		0.00
79) Terphenyl-d14	19.792	244	4885033	75.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	174880	28.25	ng		93
3) Pyridine	3.722	79	478877	28.52	ng		95
4) n-Nitrosodimethylamine	3.640	42	146787	27.07	ng		90
6) Aniline	7.140	93	677838	31.98	ng		95
8) 2-Chlorophenol	7.381	128	495561	35.54	ng		93
9) Benzaldehyde	6.958	77	282094	24.61	ng		92
10) Phenol	7.016	94	573080	31.54	ng		97
11) bis(2-Chloroethyl)ether	7.240	93	462316	30.59	ng		95
12) 1,3-Dichlorobenzene	7.705	146	609556	33.93	ng		97
13) 1,4-Dichlorobenzene	7.852	146	615664	34.04	ng		99
14) 1,2-Dichlorobenzene	8.169	146	588160	34.33	ng		100
15) Benzyl Alcohol	8.052	79	397645	34.79	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.346	45	483767	25.10	ng		95
17) 2-Methylphenol	8.258	107	407331	35.15	ng		98
18) Hexachloroethane	8.893	117	212461	32.45	ng		93
19) n-Nitroso-di-n-propyla...	8.622	70	334616	30.77	ng		95
20) 3+4-Methylphenols	8.587	107	557841	36.23	ng		99
22) Acetophenone	8.634	105	728000	32.78	ng		96
24) Nitrobenzene	9.016	77	514086	30.14	ng		90
25) Isophorone	9.540	82	943411	33.15	ng		96
26) 2-Nitrophenol	9.728	139	288456	46.76	ng		94
27) 2,4-Dimethylphenol	9.787	122	395793	36.86	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	641979	31.70	ng		99
29) 2,4-Dichlorophenol	10.263	162	529411	41.96	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	625645	37.08	ng		99
31) Naphthalene	10.663	128	1622041	34.68	ng		99
32) Benzoic acid	9.934	122	320769	51.20	ng		90
33) 4-Chloroaniline	10.769	127	699287	37.02	ng		97
34) Hexachlorobutadiene	10.946	225	417945	39.52	ng		98
35) Caprolactam	11.546	113	166750	40.22	ng	#	77
36) 4-Chloro-3-methylphenol	11.904	107	500551	39.54	ng		98
37) 2-Methylnaphthalene	12.275	142	1195978	36.59	ng		99
38) 1-Methylnaphthalene	12.498	142	1131044	36.47	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	704922	35.59	ng		98
41) Hexachlorocyclopentadiene	12.628	237	288952	29.09	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	465551	42.27	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	486240	40.83	ng		98
46) 1,1'-Biphenyl	13.293	154	1555198	33.62	ng		99
47) 2-Chloronaphthalene	13.334	162	1298490	34.21	ng		98
48) 2-Nitroaniline	13.540	65	305118	31.30	ng		82
49) Acenaphthylene	14.187	152	1938694	34.71	ng		100
50) Dimethylphthalate	13.922	163	1607671	35.68	ng		99
51) 2,6-Dinitrotoluene	14.045	165	352461	37.22	ng		98
52) Acenaphthene	14.534	154	1178466	33.82	ng		98
53) 3-Nitroaniline	14.375	138	381190	36.74	ng		91
54) 2,4-Dinitrophenol	14.592	184	179649	47.02	ng		95
55) Dibenzofuran	14.869	168	1902336	34.50	ng		97
56) 4-Nitrophenol	14.692	139	274036	35.29	ng		93
57) 2,4-Dinitrotoluene	14.839	165	483546	38.79	ng		94
58) Fluorene	15.522	166	1515182	35.00	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	456762	41.66	ng	#	90
60) Diethylphthalate	15.292	149	1575636	36.46	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	853733	36.24	ng		93
62) 4-Nitroaniline	15.539	138	404099	37.33	ng		94
63) Azobenzene	15.810	77	1187024	28.84	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	261010	47.31	ng		95
66) n-Nitrosodiphenylamine	15.728	169	1344056	35.20	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	580843	38.46	ng		95
68) Hexachlorobenzene	16.534	284	697636	38.72	ng		93
69) Atrazine	16.686	200	482754	39.07	ng		98
70) Pentachlorophenol	16.881	266	321190	37.61	ng		96
71) Phenanthrene	17.269	178	2459982	33.77	ng		99
72) Anthracene	17.363	178	2393717	34.79	ng		100
73) Carbazole	17.633	167	2234761	35.06	ng		99
74) Di-n-butylphthalate	18.186	149	2724487	39.41	ng		100
75) Fluoranthene	19.245	202	3001763	35.87	ng		100
77) Benzidine	19.416	184	1145361	53.06	ng		99
78) Pyrene	19.598	202	3043643	35.80	ng		100
80) Butylbenzylphthalate	20.463	149	1234627	45.31	ng		93
81) Benzo(a)anthracene	21.304	228	3034723	35.42	ng		100
82) 3,3'-Dichlorobenzidine	21.233	252	1108216	45.68	ng		99
83) Chrysene	21.357	228	2871961	34.80	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1760903	41.98	ng		98
85) Di-n-octyl phthalate	22.133	149	2999909	46.08	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.109	276	3817975	36.81	ng		96
88) Benzo(b)fluoranthene	22.963	252	3235318	36.19	ng		99
89) Benzo(k)fluoranthene	23.010	252	3063433	34.51	ng		99
90) Benzo(a)pyrene	23.574	252	3015661	37.00	ng		98
91) Dibenzo(a,h)anthracene	26.115	278	3148445	36.92	ng		97
92) Benzo(g,h,i)perylene	26.851	276	3112297	37.38	ng		95

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

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