Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
Data File : BP001714.D
Acq On : 03 Feb 2020 10:57
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
2/4/2020 6:13:04 PM

Quant Time: Feb 03 14:24:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 13:47:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	264740	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1070174	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	640782	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	1328671	20.00	ng		0.00
76) Chrysene-d12	21.19	240	1312903	20.00	ng		0.00
87) Perylene-d12	23.43	264	1430500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	302011	22.35	ng		0.00
7) Phenol-d6	6.89	99	399615	18.50	ng		0.00
23) Nitrobenzene-d5	8.86	82	296712	12.12	ng		0.00
42) 2,4,6-Tribromophenol	15.84	330	101657	10.42	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	932298	21.39	ng		0.00
79) Terphenyl-d14	19.67	244	1349566	18.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	67922	15.748	ng		99
3) Pyridine	3.68	79	177355	11.380	ng		97
4) n-Nitrosodimethylamine	3.59	42	70349	6.369	ng	#	86
6) Aniline	7.05	93	247653	9.170	ng		99
8) 2-Chlorophenol	7.29	128	164143	10.403	ng		99
9) Benzaldehyde	6.87	77	122599m	9.503	ng		
10) Phenol	6.92	94	204610	9.158	ng		97
11) bis(2-Chloroethyl)ether	7.16	93	166378	9.495	ng		95
12) 1,3-Dichlorobenzene	7.62	146	212626	10.721	ng		97
13) 1,4-Dichlorobenzene	7.76	146	214225	10.446	ng		99
14) 1,2-Dichlorobenzene	8.08	146	203851	10.286	ng		99
15) Benzyl Alcohol	7.96	79	123432	6.068	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	218236	6.704	ng		100
17) 2-Methylphenol	8.16	107	133466	8.603	ng		99
18) Hexachloroethane	8.80	117	70703	8.831	ng		98
19) n-Nitroso-di-n-propylamine	8.53	70	119031	7.228	ng		97
20) 3+4-Methylphenols	8.49	107	170928	7.877	ng		99
22) Acetophenone	8.53	105	262935	8.765	ng		97
24) Nitrobenzene	8.90	77	163053	6.581	ng		98
25) Isophorone	9.43	82	305521	6.957	ng		99
26) 2-Nitrophenol	9.62	139	33241	3.550	ng		96
27) 2,4-Dimethylphenol	9.69	122	121347	8.675	ng		97
28) bis(2-Chloroethoxy)methane	9.92	93	219707	8.540	ng		100
29) 2,4-Dichlorophenol	10.15	162	129626	6.770	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	187115	8.095	ng		96
31) Naphthalene	10.55	128	564621	9.997	ng		99
32) Benzoic acid	9.75	122	15903m	1.338	ng		
33) 4-Chloroaniline	10.65	127	228911	8.803	ng		99
34) Hexachlorobutadiene	10.85	225	110730	6.767	ng		97
35) Caprolactam	11.39	113	33864	4.870	ng		97
36) 4-Chloro-3-methylphenol	11.78	107	136127	5.924	ng		100
37) 2-Methylnaphthalene	12.16	142	386690	8.591	ng		99
38) 1-Methylnaphthalene	12.38	142	371199	8.570	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	202368	9.219	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	68204	6.126	ng		96
43) 2,4,6-Trichlorophenol	12.77	196	90678	6.405	ng		97
44) 2,4,5-Trichlorophenol	12.84	196	97911	6.509	ng		98
46) 1,1'-Biphenyl	13.19	154	509616	11.099	ng		99
47) 2-Chloronaphthalene	13.22	162	396611	10.393	ng		99
48) 2-Nitroaniline	13.42	65	55270	3.686	ng		96
49) Acenaphthylene	14.07	152	588672	10.002	ng		99
50) Dimethylphthalate	13.82	163	457310	8.665	ng		98
51) 2,6-Dinitrotoluene	13.92	165	64158	5.732	ng	#	83
52) Acenaphthene	14.42	154	378209	10.376	ng		98
53) 3-Nitroaniline	14.24	138	77335	6.544	ng	#	84
54) 2,4-Dinitrophenol	14.45	184	11789	1.873	ng		99
55) Dibenzofuran	14.75	168	582005	9.442	ng		98
56) 4-Nitrophenol	14.55	139	47880	5.074	ng		92
57) 2,4-Dinitrotoluene	14.70	165	72386	4.420	ng	#	85
58) Fluorene	15.40	166	472211	9.467	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	84145	5.417	ng		98
60) Diethylphthalate	15.19	149	451781	8.323	ng		99
61) 4-Chlorophenyl-phenylether	15.40	204	240373	8.420	ng		99
62) 4-Nitroaniline	15.40	138	85771	6.366	ng		92
63) Azobenzene	15.70	77	439662	8.106	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	18211	2.535	ng		98
66) n-Nitrosodiphenylamine	15.62	169	393329	11.174	ng		95
67) 4-Bromophenyl-phenylether	16.30	248	137801	9.193	ng		98
68) Hexachlorobenzene	16.41	284	162641	9.339	ng		93
69) Atrazine	16.57	200	114282	8.840	ng		97
70) Pentachlorophenol	16.75	266	48585	5.052	ng		98
71) Phenanthrene	17.14	178	741989	10.269	ng		99
72) Anthracene	17.23	178	684255	9.727	ng		100
73) Carbazole	17.50	167	659159	9.981	ng		99
74) Di-n-butylphthalate	18.09	149	679988	8.703	ng		99
75) Fluoranthene	19.12	202	819572	8.620	ng		98
77) Benzidine	19.29	184	292597	9.760	ng		98
78) Pyrene	19.46	202	866870	8.988	ng		99
80) Butylbenzylphthalate	20.36	149	221532	6.044	ng		94
81) Benzo(a)anthracene	21.17	228	887868	9.710	ng		96
82) 3,3'-Dichlorobenzidine	21.11	252	240420	7.012	ng		99
83) Chrysene	21.22	228	840465	9.432	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	427748	8.512	ng		97
85) Di-n-octyl phthalate	22.02	149	617696	7.709	ng		98
86) Indeno(1,2,3-cd)pyrene	25.71	276	959062	9.195	ng		99
88) Benzo(b)fluoranthene	22.76	252	855298	9.488	ng		97
89) Benzo(k)fluoranthene	22.80	252	839841	9.556	ng		94
90) Benzo(a)pyrene	23.33	252	767798	8.971	ng		98
91) Dibenzo(a,h)anthracene	25.72	278	786253	8.904	ng		97
92) Benzo(g,h,i)perylene	26.39	276	758071	8.635	ng		97

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

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