Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043365.D
Acq On : 29 Oct 2019 00:43
Operator : JU
Sample : K5539-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 162-36-(0-1)MSD

Manual Integrations APPROVED
mohammad
10/29/2019 3:34:45 PM

Quant Time: Oct 29 13:49:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42392	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	157287	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	112648	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	268238	20.00	ng		0.00
76) Chrysene-d12	21.67	240	308474	20.00	ng		0.00
87) Perylene-d12	24.86	264	362526	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	242102	104.65	ng		0.00
7) Phenol-d6	7.21	99	341799	102.69	ng		0.00
23) Nitrobenzene-d5	9.19	82	206811	67.79	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	215059	100.32	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	455049	55.82	ng		0.00
79) Terphenyl-d14	20.00	244	833805	50.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	29875	33.139	ng	#	93
3) Pyridine	3.89	79	72824	32.023	ng		99
4) n-Nitrosodimethylamine	3.80	42	45011	39.224	ng		87
6) Aniline	7.35	93	121953	31.806	ng		95
8) 2-Chlorophenol	7.60	128	107781	42.205	ng		95
9) Benzaldehyde	7.17	77	56056	34.269	ng		88
10) Phenol	7.24	94	144466	47.498	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	89070	37.877	ng		95
12) 1,3-Dichlorobenzene	7.91	146	117365	36.681	ng		91
13) 1,4-Dichlorobenzene	8.06	146	120375	37.185	ng		98
14) 1,2-Dichlorobenzene	8.38	146	114510	36.228	ng		97
15) Benzyl Alcohol	8.27	79	90311	38.634	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122315	35.772	ng		99
17) 2-Methylphenol	8.49	107	92458	41.699	ng		99
18) Hexachloroethane	9.11	117	42483	36.374	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	79794	37.100	ng	#	97
20) 3+4-Methylphenols	8.82	107	119571	39.327	ng		91
22) Acetophenone	8.85	105	158403	39.326	ng		98
24) Nitrobenzene	9.23	77	118978	40.938	ng		95
25) Isophorone	9.75	82	227854	40.850	ng		96
26) 2-Nitrophenol	9.94	139	62239	44.358	ng		97
27) 2,4-Dimethylphenol	10.01	122	96930	48.199	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	120198	39.044	ng		98
29) 2,4-Dichlorophenol	10.49	162	114945	44.609	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	128728	39.638	ng		97
31) Naphthalene	10.88	128	330238	41.363	ng		98
32) Benzoic acid	10.18	122	51148	36.079	ng		99
33) 4-Chloroaniline	11.00	127	61781	18.878	ng		95
34) Hexachlorobutadiene	11.17	225	90770	37.810	ng		96
35) Caprolactam	11.76	113	35870m	40.420	ng		
36) 4-Chloro-3-methylphenol	12.13	107	123260	43.855	ng		96
37) 2-Methylnaphthalene	12.48	142	250989	40.972	ng		96
38) 1-Methylnaphthalene	12.70	142	240635	41.285	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167921	40.279	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	195780	89.399	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	107535	43.800	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	114257	46.033	ng		100
46) 1,1'-Biphenyl	13.49	154	340891	39.779	ng		100
47) 2-Chloronaphthalene	13.53	162	267516	41.028	ng		100
48) 2-Nitroaniline	13.73	65	78470	40.266	ng		97
49) Acenaphthylene	14.37	152	433223	42.690	ng		99
50) Dimethylphthalate	14.10	163	416471	47.731	ng		98
51) 2,6-Dinitrotoluene	14.22	165	80074	42.243	ng		97
52) Acenaphthene	14.72	154	258782	41.816	ng		98
53) 3-Nitroaniline	14.56	138	51386	28.078	ng		96
54) 2,4-Dinitrophenol	14.77	184	91041	77.194	ng		94
55) Dibenzofuran	15.05	168	426523	42.500	ng		99
56) 4-Nitrophenol	14.90	139	115191	93.924	ng		95
57) 2,4-Dinitrotoluene	15.01	165	114983	42.445	ng		95
58) Fluorene	15.70	166	356834	42.393	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	117083	44.398	ng	#	98
60) Diethylphthalate	15.47	149	350627	39.993	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	200476	40.827	ng		97
62) 4-Nitroaniline	15.73	138	73949	39.125	ng		92
63) Azobenzene	15.98	77	300335	42.328	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	71052	45.010	ng		99
66) n-Nitrosodiphenylamine	15.90	169	319074	42.133	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	145665	40.352	ng		98
68) Hexachlorobenzene	16.71	284	163876	39.548	ng		98
69) Atrazine	16.85	200	136946	52.042	ng		92
70) Pentachlorophenol	17.05	266	177264	93.884	ng		92
71) Phenanthrene	17.44	178	621907	45.276	ng		98
72) Anthracene	17.53	178	605806	44.081	ng		100
73) Carbazole	17.80	167	533224	42.846	ng		100
74) Di-n-butylphthalate	18.35	149	631502	41.820	ng		100
75) Fluoranthene	19.44	202	849556	47.442	ng		98
77) Benzidine	19.63	184	353263	56.903	ng		97
78) Pyrene	19.81	202	842070	44.101	ng		99
80) Butylbenzylphthalate	20.69	149	286876	39.656	ng		98
81) Benzo(a)anthracene	21.64	228	840924	43.520	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	243948	32.641	ng		100
83) Chrysene	21.71	228	803563	41.856	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	423245	41.188	ng		99
85) Di-n-octyl phthalate	22.75	149	722857	41.462	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1053051	43.697	ng	#	95
88) Benzo(b)fluoranthene	23.85	252	905333	44.093	ng		97
89) Benzo(k)fluoranthene	23.92	252	862458	41.725	ng		100
90) Benzo(a)pyrene	24.71	252	822390	41.944	ng		100
91) Dibenzo(a,h)anthracene	28.56	278	859851	42.875	ng		100
92) Benzo(g,h,i)perylene	29.65	276	878325	44.400	ng		97

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

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