Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043379.D
Acq On : 29 Oct 2019 18:19
Operator : JU
Sample : K5564-11MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CSA-2-1-1MS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:30 PM

Quant Time: Oct 30 08:22:27 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	41422	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	162960	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	115185	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	262772	20.00	ng		0.00
76) Chrysene-d12	21.66	240	292419	20.00	ng		0.00
87) Perylene-d12	24.86	264	345090	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	266833	118.04	ng		0.00
7) Phenol-d6	7.21	99	371037	114.08	ng		0.00
23) Nitrobenzene-d5	9.19	82	231597	73.27	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	232544	106.09	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	601739	72.19	ng		0.00
79) Terphenyl-d14	20.00	244	1137752	72.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	29607	33.610	ng		97
3) Pyridine	3.89	79	75018	33.760	ng		99
4) n-Nitrosodimethylamine	3.80	42	46460	41.435	ng		93
6) Aniline	7.35	93	53897	14.386	ng		98
8) 2-Chlorophenol	7.60	128	105005	42.081	ng		99
9) Benzaldehyde	7.16	77	53896	33.721	ng		93
10) Phenol	7.24	94	132184	44.478	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	83847	36.491	ng		99
12) 1,3-Dichlorobenzene	7.91	146	116162	37.155	ng		97
13) 1,4-Dichlorobenzene	8.06	146	119018	37.626	ng		96
14) 1,2-Dichlorobenzene	8.38	146	113458	36.736	ng		93
15) Benzyl Alcohol	8.27	79	90326	39.546	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	118367	35.428	ng		93
17) 2-Methylphenol	8.48	107	88250	40.733	ng		94
18) Hexachloroethane	9.10	117	41893	36.709	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	76448	36.377	ng		99
20) 3+4-Methylphenols	8.48	107	87844	29.569	ng		88
22) Acetophenone	8.85	105	148650	35.620	ng		100
24) Nitrobenzene	9.23	77	118183	39.249	ng		98
25) Isophorone	9.75	82	217040	37.556	ng		98
26) 2-Nitrophenol	9.94	139	60927	41.911	ng		97
27) 2,4-Dimethylphenol	10.01	122	97026	46.567	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	118508	37.155	ng		95
29) 2,4-Dichlorophenol	10.49	162	108370	40.594	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	124780	37.085	ng		98
31) Naphthalene	10.88	128	332284	40.171	ng		97
32) Benzoic acid	10.17	122	47701	33.379	ng		87
33) 4-Chloroaniline	11.00	127	22391	6.604	ng	#	92
34) Hexachlorobutadiene	11.17	225	89233	35.876	ng		94
35) Caprolactam	11.76	113	33771m	36.730	ng		
36) 4-Chloro-3-methylphenol	12.13	107	117164	40.235	ng		96
37) 2-Methylnaphthalene	12.48	142	248932	39.222	ng		97
38) 1-Methylnaphthalene	12.70	142	235434	38.987	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159059	37.313	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	180660	80.677	ng		94
43) 2,4,6-Trichlorophenol	13.09	196	100713	40.118	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	110658	43.601	ng		99
46) 1,1'-Biphenyl	13.48	154	329811	37.638	ng		99
47) 2-Chloronaphthalene	13.53	162	252835	37.922	ng		100
48) 2-Nitroaniline	13.73	65	75107	37.691	ng		99
49) Acenaphthylene	14.37	152	419499	40.427	ng		99
50) Dimethylphthalate	14.10	163	423020	47.414	ng		98
51) 2,6-Dinitrotoluene	14.22	165	76178	39.302	ng		97
52) Acenaphthene	14.72	154	249797	39.475	ng		97
53) 3-Nitroaniline	14.56	138	26383	14.098	ng	#	94
54) 2,4-Dinitrophenol	14.76	184	56072	49.393	ng		95
55) Dibenzofuran	15.05	168	408243	39.782	ng		99
56) 4-Nitrophenol	14.90	139	106966	85.296	ng		94
57) 2,4-Dinitrotoluene	15.02	165	107315	38.742	ng		97
58) Fluorene	15.70	166	335977	39.036	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	113097	41.942	ng	#	99
60) Diethylphthalate	15.46	149	331524	36.982	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	193467	38.532	ng		96
62) 4-Nitroaniline	15.73	138	59245	30.655	ng		94
63) Azobenzene	15.98	77	282349	38.917	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	50379	32.578	ng		91
66) n-Nitrosodiphenylamine	15.90	169	304424	41.034	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	136344	38.555	ng		98
68) Hexachlorobenzene	16.71	284	156156	38.469	ng		98
69) Atrazine	16.85	200	128710	49.929	ng		95
70) Pentachlorophenol	17.05	266	168190	90.931	ng		96
71) Phenanthrene	17.44	178	553621	41.143	ng		100
72) Anthracene	17.53	178	560829	41.658	ng		100
73) Carbazole	17.80	167	491966	40.353	ng		100
74) Di-n-butylphthalate	18.35	149	584876	39.538	ng		99
75) Fluoranthene	19.45	202	734187	41.852	ng		99
77) Benzidine	19.63	184	219239	37.254	ng		99
78) Pyrene	19.80	202	731796	40.430	ng		99
80) Butylbenzylphthalate	20.69	149	315238	45.970	ng		97
81) Benzo(a)anthracene	21.64	228	755053	41.222	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	145662	20.560	ng		99
83) Chrysene	21.71	228	723432	39.751	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	386539	39.681	ng		99
85) Di-n-octyl phthalate	22.74	149	668810	40.469	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	952092	41.677	ng		99
88) Benzo(b)fluoranthene	23.85	252	790387	40.440	ng		99
89) Benzo(k)fluoranthene	23.91	252	799363	40.627	ng		98
90) Benzo(a)pyrene	24.71	252	742484	39.782	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	791039	41.436	ng		99
92) Benzo(g,h,i)perylene	29.64	276	805851	42.794	ng		98

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

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