Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042503.D
Acq On : 26 Aug 2019 17:48
Operator : HP/JU
Sample : K4477-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:42 AM

Quant Time: Aug 27 02:27:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34170	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	122375	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	81877	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	206860	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	283876	20.00	ng		0.00
87) Perylene-d12	24.93	264	346773	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	228389	135.37	ng		0.00
7) Phenol-d6	7.17	99	300735	131.96	ng		0.00
23) Nitrobenzene-d5	9.16	82	169269	95.58	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	165740	142.42	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	438153	90.51	ng		0.00
79) Terphenyl-d14	20.02	244	1022494	77.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	28138	39.964	ng		98
3) Pyridine	3.82	79	67108	37.170	ng		99
4) n-Nitrosodimethylamine	3.74	42	26359	40.877	ng		94
6) Aniline	7.31	93	75387	24.801	ng		99
8) 2-Chlorophenol	7.57	128	84972	41.557	ng		99
9) Benzaldehyde	7.13	77	29553	25.902	ng		94
10) Phenol	7.19	94	98583	42.545	ng		96
11) bis(2-Chloroethyl)ether	7.41	93	69915	38.419	ng		99
12) 1,3-Dichlorobenzene	7.89	146	101824	39.146	ng		100
13) 1,4-Dichlorobenzene	8.03	146	101941	38.691	ng		98
14) 1,2-Dichlorobenzene	8.35	146	97928	38.811	ng		98
15) Benzyl Alcohol	8.24	79	59899	36.533	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92923	37.674	ng		99
17) 2-Methylphenol	8.45	107	67085	39.307	ng		96
18) Hexachloroethane	9.09	117	34911	38.704	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	52879	35.815	ng		96
20) 3+4-Methylphenols	8.78	107	87780	37.169	ng		99
22) Acetophenone	8.82	105	115022	43.945	ng	#	96
24) Nitrobenzene	9.21	77	76801	42.827	ng		99
25) Isophorone	9.73	82	144892	41.458	ng		98
26) 2-Nitrophenol	9.92	139	48710	43.345	ng		97
27) 2,4-Dimethylphenol	9.99	122	75474	48.755	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	91969	41.752	ng		100
29) 2,4-Dichlorophenol	10.48	162	88384	43.639	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	103879	41.786	ng		98
31) Naphthalene	10.87	128	246496	43.385	ng		98
32) Benzoic acid	10.13	122	2755m	10.204	ng		
33) 4-Chloroaniline	10.98	127	65894	25.124	ng		97
34) Hexachlorobutadiene	11.16	225	68298	40.879	ng		99
35) Caprolactam	11.74	113	29326	43.394	ng		95
36) 4-Chloro-3-methylphenol	12.11	107	78727	40.947	ng		100
37) 2-Methylnaphthalene	12.48	142	188348	41.286	ng		99
38) 1-Methylnaphthalene	12.70	142	179557	41.436	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	119284	45.366	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125340	90.749	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	77886	43.823	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	85125	46.219	ng		97
46) 1,1'-Biphenyl	13.49	154	236070	44.604	ng		100
47) 2-Chloronaphthalene	13.53	162	197295	43.232	ng		99
48) 2-Nitroaniline	13.74	65	45797	41.615	ng		97
49) Acenaphthylene	14.38	152	307317	44.761	ng		99
50) Dimethylphthalate	14.11	163	286171	48.440	ng		99
51) 2,6-Dinitrotoluene	14.22	165	59644	43.556	ng		99
52) Acenaphthene	14.72	154	178943	42.922	ng		99
53) 3-Nitroaniline	14.56	138	45193	33.000	ng		97
54) 2,4-Dinitrophenol	14.78	184	33795	40.007	ng		96
55) Dibenzofuran	15.06	168	306580	44.426	ng		99
56) 4-Nitrophenol	14.88	139	117562	120.808	ng		98
57) 2,4-Dinitrotoluene	15.02	165	89044	45.410	ng		96
58) Fluorene	15.71	166	248827	44.109	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	88802	48.756	ng	#	92
60) Diethylphthalate	15.47	149	255728	44.281	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	142068	41.778	ng		100
62) 4-Nitroaniline	15.73	138	69545	47.448	ng		99
63) Azobenzene	15.99	77	178750	45.170	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	45763	35.286	ng		97
66) n-Nitrosodiphenylamine	15.91	169	237273	41.709	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	100602	38.341	ng		98
68) Hexachlorobenzene	16.72	284	107649	37.740	ng		96
69) Atrazine	16.86	200	105278	52.332	ng		99
70) Pentachlorophenol	17.07	266	140053	94.500	ng		98
71) Phenanthrene	17.46	178	459331	44.703	ng		99
72) Anthracene	17.54	178	477955	46.595	ng		99
73) Carbazole	17.81	167	468752	51.274	ng		98
74) Di-n-butylphthalate	18.37	149	536754	49.669	ng		99
75) Fluoranthene	19.46	202	697762	55.643	ng		98
77) Benzidine	19.64	184	353826	43.474	ng		98
78) Pyrene	19.83	202	714178	41.035	ng		99
80) Butylbenzylphthalate	20.71	149	290510	42.438	ng		99
81) Benzo(a)anthracene	21.67	228	750712	43.472	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	189885	27.341	ng		100
83) Chrysene	21.73	228	732979	44.012	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	421366	44.333	ng		97
85) Di-n-octyl phthalate	22.79	149	752532	46.035	ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	989630	43.726	ng	#	94
88) Benzo(b)fluoranthene	23.90	252	855919	44.896	ng		100
89) Benzo(k)fluoranthene	23.97	252	810369	44.222	ng		99
90) Benzo(a)pyrene	24.78	252	832965	46.045	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	821424	44.846	ng		99
92) Benzo(g,h,i)perylene	29.79	276	831793	45.405	ng		99

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

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