Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062519\
Data File : BG041459.D
Acq On : 26 Jun 2019 00:44
Operator : HP/JU
Sample : K3482-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
6/26/2019 2:02:42 PM

Quant Time: Jun 26 13:23:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	31512	20.00	ng		-0.04
21) Naphthalene-d8	10.86	136	110229	20.00	ng		-0.05
39) Acenaphthene-d10	14.69	164	77915	20.00	ng		-0.04
64) Phenanthrene-d10	17.43	188	200225	20.00	ng		-0.04
76) Chrysene-d12	21.70	240	216259	20.00	ng		-0.04
87) Perylene-d12	24.98	264	232691	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	214635	125.15	ng		-0.04
7) Phenol-d6	7.20	99	280257	112.74	ng		-0.04
23) Nitrobenzene-d5	9.22	82	243461	92.89	ng		-0.04
42) 2,4,6-Tribromophenol	16.18	330	173785	145.28	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	552368	96.36	ng		-0.04
79) Terphenyl-d14	20.03	244	1071313	98.17	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	27259	31.697	ng	#	32
3) Pyridine	3.86	79	60488	26.513	ng		92
4) n-Nitrosodimethylamine	3.77	42	42319	34.784	ng		95
6) Aniline	7.37	93	45839	13.266	ng		98
8) 2-Chlorophenol	7.61	128	84269	41.818	ng		98
9) Benzaldehyde	7.18	77	60583	38.102	ng		93
10) Phenol	7.23	94	92064	34.439	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	78541	38.722	ng		98
12) 1,3-Dichlorobenzene	7.93	146	92924	36.828	ng		94
13) 1,4-Dichlorobenzene	8.08	146	97083	37.667	ng		94
14) 1,2-Dichlorobenzene	8.39	146	91545	37.186	ng		91
15) Benzyl Alcohol	8.29	79	81909	34.390	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	108744	32.750	ng		99
17) 2-Methylphenol	8.49	107	73186	38.294	ng		94
18) Hexachloroethane	9.12	117	37892	37.100	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	72618	36.118	ng		96
20) 3+4-Methylphenols	8.82	107	97245	38.222	ng		95
22) Acetophenone	8.87	105	141496	44.112	ng	#	95
24) Nitrobenzene	9.27	77	115889	43.964	ng		98
25) Isophorone	9.78	82	202195	42.049	ng		99
26) 2-Nitrophenol	9.98	139	48552	45.432	ng		92
27) 2,4-Dimethylphenol	10.03	122	78075	48.739	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	106408	42.470	ng		95
29) 2,4-Dichlorophenol	10.51	162	95043	47.850	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	110378	43.390	ng		95
31) Naphthalene	10.91	128	263342	43.958	ng		99
33) 4-Chloroaniline	11.05	127	9097	3.575	ng	#	92
34) Hexachlorobutadiene	11.17	225	84247	41.723	ng		97
35) Caprolactam	11.82	113	20727m	30.312	ng		
36) 4-Chloro-3-methylphenol	12.15	107	102039	44.476	ng		95
37) 2-Methylnaphthalene	12.51	142	191541	43.410	ng		96
38) 1-Methylnaphthalene	12.73	142	182904	43.326	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	148282	46.088	ng		98
41) Hexachlorocyclopentadiene	12.84	237	183469	84.658	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	87947	44.188	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	91740	44.798	ng		99
46) 1,1'-Biphenyl	13.52	154	265735	45.114	ng		99
47) 2-Chloronaphthalene	13.56	162	222522	43.879	ng		99
48) 2-Nitroaniline	13.78	65	71990	38.761	ng		90
49) Acenaphthylene	14.41	152	347683	45.181	ng		99
50) Dimethylphthalate	14.13	163	296359	42.749	ng		99
51) 2,6-Dinitrotoluene	14.27	165	63619	43.522	ng		95
52) Acenaphthene	14.75	154	201706	44.637	ng		95
53) 3-Nitroaniline	14.61	138	15737	10.927	ng	#	97
54) 2,4-Dinitrophenol	14.81	184	18354	21.251	ng		96
55) Dibenzofuran	15.08	168	359284	45.729	ng		99
56) 4-Nitrophenol	14.91	139	75874	69.777	ng		94
57) 2,4-Dinitrotoluene	15.06	165	92371	43.229	ng	#	96
58) Fluorene	15.73	166	281476	45.543	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	98406	46.468	ng		97
60) Diethylphthalate	15.48	149	301130	42.735	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	178643	44.425	ng		98
62) 4-Nitroaniline	15.77	138	52805	34.282	ng		97
63) Azobenzene	16.01	77	264370	42.055	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	26051	20.045	ng		99
66) n-Nitrosodiphenylamine	15.93	169	251476	47.301	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	117096	45.229	ng		100
68) Hexachlorobenzene	16.72	284	124582	44.937	ng		97
70) Pentachlorophenol	17.08	266	101019	71.160	ng		97
71) Phenanthrene	17.47	178	489826	45.869	ng		99
72) Anthracene	17.56	178	500373	47.529	ng		99
73) Carbazole	17.84	167	428358	46.513	ng		98
74) Di-n-butylphthalate	18.36	149	513843	44.716	ng		99
75) Fluoranthene	19.48	202	657646	46.356	ng		99
77) Benzidine	19.67	184	75624	14.457	ng		99
78) Pyrene	19.84	202	665614	45.638	ng		99
80) Butylbenzylphthalate	20.71	149	239777	43.465	ng		99
81) Benzo(a)anthracene	21.68	228	662198	45.224	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	70707	13.756	ng		97
83) Chrysene	21.75	228	644056	45.738	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	335053	44.567	ng		99
85) Di-n-octyl phthalate	22.77	149	580276	45.622	ng		97
86) Indeno(1,2,3-cd)pyrene	28.76	276	765747	45.834	ng	#	98
88) Benzo(b)fluoranthene	23.93	252	661816	45.894	ng		97
89) Benzo(k)fluoranthene	24.00	252	659409	46.159	ng		100
90) Benzo(a)pyrene	24.83	252	642987	47.212	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	635994	46.385	ng		98
92) Benzo(g,h,i)perylene	29.96	276	629816	46.481	ng		96

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

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