Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041311.D
Acq On : 18 Jun 2019 23:48
Operator : HP/JU
Sample : K3419-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Manual Integrations APPROVED
mohammad
6/21/2019 9:57:02 PM

Quant Time: Jun 19 13:15:40 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	8.08	152	41495	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	159848	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	110402	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	278503	20.00	ng		0.00
76) Chrysene-d12	21.74	240	276044	20.00	ng		0.00
87) Perylene-d12	25.05	264	295042	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	305684	135.36	ng		0.00
7) Phenol-d6	7.24	99	440529	134.58	ng		0.00
23) Nitrobenzene-d5	9.26	82	314511	82.75	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	217573	128.37	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	682127	83.98	ng		0.00
79) Terphenyl-d14	20.06	244	1161641	83.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	31936	28.201	ng	#	93
3) Pyridine	3.89	79	69849	23.251	ng		93
4) n-Nitrosodimethylamine	3.81	42	59593	37.197	ng		90
6) Aniline	7.41	93	104336	22.931	ng		95
8) 2-Chlorophenol	7.64	128	100366	37.823	ng		99
9) Benzaldehyde	7.22	77	96712	46.191	ng		93
10) Phenol	7.26	94	139504	39.630	ng		99
11) bis(2-Chloroethyl)ether	7.50	93	93406	34.971	ng		97
12) 1,3-Dichlorobenzene	7.97	146	109715	33.022	ng		97
13) 1,4-Dichlorobenzene	8.12	146	114123	33.626	ng		97
14) 1,2-Dichlorobenzene	8.44	146	107779	33.248	ng		97
15) Benzyl Alcohol	8.32	79	115180	36.724	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	143402	32.797	ng		99
17) 2-Methylphenol	8.52	107	92537	36.770	ng		93
18) Hexachloroethane	9.16	117	43450	32.307	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	90050	34.012	ng		94
20) 3+4-Methylphenols	8.85	107	127278	37.991	ng		97
22) Acetophenone	8.91	105	167754	36.064	ng		98
24) Nitrobenzene	9.30	77	140681	36.802	ng		97
25) Isophorone	9.82	82	254382	36.481	ng		98
26) 2-Nitrophenol	10.02	139	59339	38.289	ng		97
27) 2,4-Dimethylphenol	10.06	122	101070	43.508	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	132220	36.391	ng	#	95
29) 2,4-Dichlorophenol	10.54	162	114570	39.776	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	129773	35.179	ng		96
31) Naphthalene	10.95	128	313019	36.031	ng		99
32) Benzoic acid	10.15	122	2639m	1.745	ng		
33) 4-Chloroaniline	11.07	127	69322	18.789	ng		95
34) Hexachlorobutadiene	11.21	225	100008	34.154	ng		97
35) Caprolactam	11.85	113	29765m	30.017	ng		
36) 4-Chloro-3-methylphenol	12.18	107	127134	38.213	ng		98
37) 2-Methylnaphthalene	12.55	142	235741	36.843	ng		98
38) 1-Methylnaphthalene	12.77	142	221075	36.112	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	174498	38.277	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	208759	67.982	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	109322	38.765	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	113866	39.240	ng		98
46) 1,1'-Biphenyl	13.55	154	318212	38.126	ng		100
47) 2-Chloronaphthalene	13.60	162	262217	36.491	ng		99
48) 2-Nitroaniline	13.81	65	92869	35.289	ng		95
49) Acenaphthylene	14.45	152	410611	37.657	ng		99
50) Dimethylphthalate	14.16	163	411994	41.941	ng		100
51) 2,6-Dinitrotoluene	14.30	165	76028	36.706	ng		98
52) Acenaphthene	14.78	154	234799	36.670	ng		97
53) 3-Nitroaniline	14.63	138	47019	23.041	ng		95
54) 2,4-Dinitrophenol	14.84	184	42927	31.923	ng		96
55) Dibenzofuran	15.12	168	413407	37.135	ng		98
56) 4-Nitrophenol	14.94	139	107892	70.014	ng		99
57) 2,4-Dinitrotoluene	15.09	165	105959	34.996	ng	#	95
58) Fluorene	15.76	166	321106	36.667	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	112390	37.454	ng		98
60) Diethylphthalate	15.52	149	353175	35.373	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	201794	35.416	ng		98
62) 4-Nitroaniline	15.80	138	74259	34.024	ng		96
63) Azobenzene	16.04	77	325379	36.529	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	55265	30.572	ng		98
66) n-Nitrosodiphenylamine	15.97	169	284550	38.479	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	132096	36.682	ng		99
68) Hexachlorobenzene	16.75	284	136378	35.366	ng	#	93
69) Atrazine	16.91	200	123150	48.631	ng		97
70) Pentachlorophenol	17.11	266	146577	74.231	ng		95
71) Phenanthrene	17.51	178	550241	37.044	ng		99
72) Anthracene	17.60	178	558518	38.141	ng		99
73) Carbazole	17.87	167	474397	37.033	ng		100
74) Di-n-butylphthalate	18.40	149	568118	35.544	ng		99
75) Fluoranthene	19.51	202	723049	36.641	ng		99
77) Benzidine	19.69	184	286528	42.914	ng		98
78) Pyrene	19.87	202	734790	39.470	ng		100
80) Butylbenzylphthalate	20.74	149	261822	37.182	ng		97
81) Benzo(a)anthracene	21.72	228	716566	38.338	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	140857	21.468	ng		97
83) Chrysene	21.79	228	683127	38.006	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	366647	38.207	ng		99
85) Di-n-octyl phthalate	22.82	149	625335	38.516	ng		100
86) Indeno(1,2,3-cd)pyrene	28.86	276	809479	37.958	ng		99
88) Benzo(b)fluoranthene	23.99	252	700509	38.311	ng		99
89) Benzo(k)fluoranthene	24.06	252	686567	37.903	ng		100
90) Benzo(a)pyrene	24.90	252	689859	39.949	ng		100
91) Dibenzo(a,h)anthracene	28.92	278	664169	38.203	ng		100
92) Benzo(g,h,i)perylene	30.06	276	665882	38.757	ng		98

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

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