Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039859.D
Acq On : 12 Mar 2019 3:41
Operator : JU/SJ
Sample : K1693-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-01-030719-AMSD

Manual Integrations APPROVED
Sohil
3/12/2019 4:42:32 PM

Quant Time: Mar 12 09:31:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41671	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	172726	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	119503	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	310219	20.00	ng	0.00
76) Chrysene-d12	21.82	240	317358	20.00	ng	-0.01
87) Perylene-d12	25.18	264	322634	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	317780	130.10	ng	0.00
7) Phenol-d6	7.30	99	429092	117.82	ng	-0.01
23) Nitrobenzene-d5	9.33	82	291141	91.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	210294	150.98	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	708109	84.37	ng	-0.01
79) Terphenyl-d14	20.12	244	1235827	85.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	36994	32.805	ng	# 33
3) Pyridine	4.00	79	81845	27.110	ng	97
4) n-Nitrosodimethylamine	3.92	42	52853	36.903	ng	91
6) Aniline	7.48	93	99156	20.780	ng	96
8) 2-Chlorophenol	7.72	128	110914	37.429	ng	97
9) Benzaldehyde	7.29	77	48553	20.667	ng	96
10) Phenol	7.33	94	134546	34.101	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	107965	35.097	ng	97
12) 1,3-Dichlorobenzene	8.04	146	112954	33.703	ng	99
13) 1,4-Dichlorobenzene	8.19	146	116925	34.251	ng	99
14) 1,2-Dichlorobenzene	8.51	146	110157	33.398	ng	96
15) Benzyl Alcohol	8.39	79	107496	37.208	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	212162	34.484	ng	99
17) 2-Methylphenol	8.59	107	96376	38.308	ng	94
18) Hexachloroethane	9.24	117	40368	32.956	ng	91
19) n-Nitroso-di-n-propylamine	8.96	70	90403	34.486	ng	92
20) 3+4-Methylphenols	8.92	107	132993	38.052	ng	97
22) Acetophenone	8.99	105	169986	36.667	ng	# 94
24) Nitrobenzene	9.37	77	132967	39.687	ng	98
25) Isophorone	9.88	82	261438	39.069	ng	99
26) 2-Nitrophenol	10.08	139	64812	40.066	ng	98
27) 2,4-Dimethylphenol	10.13	122	117908	46.866	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	157767	38.796	ng	99
29) 2,4-Dichlorophenol	10.61	162	125729	44.387	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	123403	38.716	ng	99
31) Naphthalene	11.03	128	354799	38.797	ng	99
32) Benzoic acid	10.25	122	60946	37.030	ng	90
33) 4-Chloroaniline	11.14	127	46933	12.103	ng	98
34) Hexachlorobutadiene	11.29	225	80337	36.884	ng	98
35) Caprolactam	11.92	113	36009m	33.279	ng	
36) 4-Chloro-3-methylphenol	12.23	107	137987	42.496	ng	99
37) 2-Methylnaphthalene	12.62	142	271664	39.734	ng	98
38) 1-Methylnaphthalene	12.84	142	259724m	39.089	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	152603	37.694	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	181132	83.487	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	109009	45.992	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	118971	44.531	ng		97
46) 1,1'-Biphenyl	13.62	154	379032	38.563	ng		98
47) 2-Chloronaphthalene	13.67	162	291869	39.472	ng		97
48) 2-Nitroaniline	13.87	65	102787	43.255	ng		91
49) Acenaphthylene	14.51	152	479334	39.489	ng		99
50) Dimethylphthalate	14.23	163	408959	40.926	ng		99
51) 2,6-Dinitrotoluene	14.36	165	92381	43.609	ng		93
52) Acenaphthene	14.84	154	291999	39.968	ng		99
53) 3-Nitroaniline	14.69	138	61460	28.862	ng	#	92
54) 2,4-Dinitrophenol	14.90	184	91912	69.535	ng		98
55) Dibenzofuran	15.18	168	484226	40.397	ng		98
56) 4-Nitrophenol	14.98	139	144179	75.687	ng		93
57) 2,4-Dinitrotoluene	15.14	165	130432	43.819	ng		89
58) Fluorene	15.82	166	388454	41.224	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	120771	46.287	ng		95
60) Diethylphthalate	15.58	149	423333	42.795	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	207887	41.343	ng		93
62) 4-Nitroaniline	15.86	138	96419	41.766	ng		93
63) Azobenzene	16.10	77	374864	41.805	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	72684	39.627	ng		94
66) n-Nitrosodiphenylamine	16.03	169	364735	40.612	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	136729	39.376	ng		95
68) Hexachlorobenzene	16.82	284	143078	39.751	ng		97
69) Atrazine	16.96	200	143824	40.691	ng		97
70) Pentachlorophenol	17.17	266	176723	77.742	ng		99
71) Phenanthrene	17.57	178	675874	39.554	ng		100
72) Anthracene	17.66	178	684370	41.100	ng		99
73) Carbazole	17.93	167	606064	40.374	ng		99
74) Di-n-butylphthalate	18.46	149	734098	41.564	ng		99
75) Fluoranthene	19.57	202	811460	40.183	ng		99
77) Benzidine	19.75	184	88418	8.780	ng		100
78) Pyrene	19.93	202	822618	39.890	ng		99
80) Butylbenzylphthalate	20.79	149	346607	43.383	ng		96
81) Benzo(a)anthracene	21.79	228	785455	39.491	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	202301	27.859	ng		98
83) Chrysene	21.86	228	749437	38.866	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	477223	42.506	ng		99
85) Di-n-octyl phthalate	22.91	149	809621	43.552	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	857394	39.195	ng	#	93
88) Benzo(b)fluoranthene	24.11	252	792288	41.181	ng		98
89) Benzo(k)fluoranthene	24.18	252	746332	41.674	ng		99
90) Benzo(a)pyrene	25.03	252	759950	42.746	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	701219	40.233	ng		99
92) Benzo(g,h,i)perylene	30.28	276	703827	40.209	ng		99

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

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