Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043902.D
Acq On : 4 Jan 2020 00:29
Operator : JU
Sample : K6449-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OW-5MSD

Manual Integrations APPROVED
mohammad
1/6/2020 11:41:51 AM

Quant Time: Jan 04 05:54:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134741	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	592650	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	402621	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	844783	20.00	ng	0.00
76) Chrysene-d12	21.59	240	689617	20.00	ng	0.00
87) Perylene-d12	24.72	264	795997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	772365	105.25	ng	0.00
7) Phenol-d6	7.13	99	747844	72.91	ng	0.00
23) Nitrobenzene-d5	9.12	82	960096	86.66	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	616209	146.25	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1994300	89.74	ng	0.00
79) Terphenyl-d14	19.95	244	2667349	96.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	83810	26.193	ng	98
3) Pyridine	3.83	79	204423	21.627	ng	97
4) n-Nitrosodimethylamine	3.74	42	118768	28.222	ng	96
6) Aniline	7.29	93	247331	18.357	ng	99
8) 2-Chlorophenol	7.53	128	426959	49.560	ng	99
9) Benzaldehyde	7.10	77	294404	44.843	ng	98
10) Phenol	7.16	94	306187	28.971	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	426387	46.738	ng	100
12) 1,3-Dichlorobenzene	7.86	146	365462	36.251	ng	98
13) 1,4-Dichlorobenzene	8.00	146	370141	37.211	ng	99
14) 1,2-Dichlorobenzene	8.32	146	357851	37.480	ng	99
15) Benzyl Alcohol	8.20	79	340031	42.002	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	621758	44.052	ng	100
17) 2-Methylphenol	8.41	107	352857	46.137	ng	98
18) Hexachloroethane	9.05	117	131847	34.064	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	361850	47.368	ng	99
20) 3+4-Methylphenols	8.74	107	453622	42.516	ng	100
22) Acetophenone	8.78	105	639633	43.413	ng	98
24) Nitrobenzene	9.17	77	489779	44.638	ng	100
25) Isophorone	9.69	82	981310	47.214	ng	99
26) 2-Nitrophenol	9.88	139	259206	49.932	ng	99
27) 2,4-Dimethylphenol	9.94	122	443216	56.719	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	615404	44.413	ng	98
29) 2,4-Dichlorophenol	10.42	162	465920	49.985	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	389234	37.243	ng	98
31) Naphthalene	10.82	128	1224133	42.684	ng	100
32) Benzoic acid	10.05	122	147218	26.378	ng	98
33) 4-Chloroaniline	10.92	127	105610	7.721	ng	99
34) Hexachlorobutadiene	11.11	225	204818	32.098	ng	96
35) Caprolactam	11.70	113	53182m	15.326	ng	
36) 4-Chloro-3-methylphenol	12.04	107	508586	51.254	ng	97
37) 2-Methylnaphthalene	12.42	142	955071	44.234	ng	97
38) 1-Methylnaphthalene	12.64	142	924911	45.198	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	453932	38.466	ng	99

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Quant Time: Jan 04 05:54:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	494712	80.862 ng		97
43) 2,4,6-Trichlorophenol	13.03	196	387460	47.717 ng		99
44) 2,4,5-Trichlorophenol	13.10	196	413995	49.434 ng		99
46) 1,1'-Biphenyl	13.43	154	1265593	43.842 ng		99
47) 2-Chloronaphthalene	13.47	162	984080	42.187 ng		98
48) 2-Nitroaniline	13.67	65	334612	44.594 ng		99
49) Acenaphthylene	14.32	152	1555278	46.388 ng		100
50) Dimethylphthalate	14.05	163	1569798	54.912 ng		99
51) 2,6-Dinitrotoluene	14.17	165	310355	48.032 ng		97
52) Acenaphthene	14.66	154	1058868	45.035 ng		98
53) 3-Nitroaniline	14.49	138	67761	9.235 ng		99
54) 2,4-Dinitrophenol	14.70	184	343354	102.640 ng		98
55) Dibenzofuran	14.99	168	1506869	46.555 ng		97
56) 4-Nitrophenol	14.81	139	330255	58.735 ng		97
57) 2,4-Dinitrotoluene	14.95	165	429202	48.817 ng		97
58) Fluorene	15.65	166	1211749	47.234 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	359498	49.921 ng		99
60) Diethylphthalate	15.42	149	1372852	48.013 ng		100
61) 4-Chlorophenyl-phenylether	15.64	204	636495	45.691 ng		99
62) 4-Nitroaniline	15.66	138	294178	40.599 ng		97
63) Azobenzene	15.93	77	1283891	48.417 ng		98
65) 4,6-Dinitro-2-methylphenol	15.72	198	243254	55.166 ng		97
66) n-Nitrosodiphenylamine	15.85	169	1124173	45.188 ng		98
67) 4-Bromophenyl-phenylether	16.53	248	414822	43.660 ng		99
68) Hexachlorobenzene	16.65	284	437998	42.782 ng		96
69) Atrazine	16.80	200	425452	52.612 ng		99
70) Pentachlorophenol	16.99	266	550163	97.484 ng		99
71) Phenanthrene	17.39	178	1862245	45.959 ng		96
72) Anthracene	17.47	178	1930335	48.204 ng		97
73) Carbazole	17.74	167	1768656	47.814 ng		98
74) Di-n-butylphthalate	18.31	149	2125961	45.015 ng		98
75) Fluoranthene	19.39	202	2069608	44.661 ng		96
77) Benzidine	19.57	184	172834	9.971 ng		98
78) Pyrene	19.75	202	2079612	46.199 ng		97
80) Butylbenzylphthalate	20.65	149	1032404	48.174 ng		98
81) Benzo(a)anthracene	21.57	228	2009400	46.991 ng		98
82) 3,3'-Dichlorobenzidine	21.49	252	321802	19.048 ng		99
83) Chrysene	21.64	228	1909817	47.003 ng		97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1471458	49.761 ng		98
85) Di-n-octyl phthalate	22.69	149	2467001	49.625 ng		98
86) Indeno(1,2,3-cd)pyrene	28.27	276	2601624	47.115 ng	#	85
88) Benzo(b)fluoranthene	23.74	252	2136780	45.408 ng		98
89) Benzo(k)fluoranthene	23.80	252	2102300	46.980 ng		98
90) Benzo(a)pyrene	24.58	252	2005776	45.161 ng		99
91) Dibenzo(a,h)anthracene	28.34	278	2128211	47.713 ng		99
92) Benzo(g,h,i)perylene	29.39	276	2154762	48.633 ng		99

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

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