Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
Data File : BG044309.D
Acq On : 5 Feb 2020 18:06
Operator : CG/JU
Sample : L1390-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2MSD

Manual Integrations APPROVED
mohammad
2/6/2020 2:19:30 PM

Quant Time: Feb 06 02:23:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	72810	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	331561	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	240093	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	553925	20.00	ng	0.00
76) Chrysene-d12	21.55	240	484577	20.00	ng	0.00
87) Perylene-d12	24.64	264	560406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	472819	114.61	ng	0.00
7) Phenol-d6	7.09	99	640563	115.62	ng	0.00
23) Nitrobenzene-d5	9.07	82	376732	64.15	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	301283	106.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	901891	62.90	ng	0.00
79) Terphenyl-d14	19.92	244	1528476	64.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	76888	41.480	ng	99
3) Pyridine	3.77	79	190963	38.669	ng	98
4) n-Nitrosodimethylamine	3.68	42	95033	46.052	ng	95
6) Aniline	7.24	93	133913	19.474	ng	98
8) 2-Chlorophenol	7.48	128	249537	55.035	ng	98
9) Benzaldehyde	7.05	77	107288	34.003	ng	99
10) Phenol	7.11	94	318155	58.028	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	211058	45.027	ng	96
12) 1,3-Dichlorobenzene	7.81	146	241437	44.598	ng	98
13) 1,4-Dichlorobenzene	7.95	146	244900	45.675	ng	99
14) 1,2-Dichlorobenzene	8.27	146	235078	46.385	ng	97
15) Benzyl Alcohol	8.15	79	204064	52.028	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	278111	43.836	ng	97
17) 2-Methylphenol	8.36	107	214899	54.935	ng	99
18) Hexachloroethane	9.00	117	87461	43.469	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	169925	46.023	ng	99
20) 3+4-Methylphenols	8.69	107	299172	55.493	ng	99
22) Acetophenone	8.73	105	330337	40.955	ng	99
24) Nitrobenzene	9.11	77	250543	43.699	ng	99
25) Isophorone	9.64	82	487684	44.552	ng	99
26) 2-Nitrophenol	9.83	139	139241	46.804	ng	98
27) 2,4-Dimethylphenol	9.89	122	243629	58.014	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	303678	41.587	ng	99
29) 2,4-Dichlorophenol	10.37	162	255921	50.399	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	238055	40.885	ng	98
31) Naphthalene	10.77	128	721244	44.836	ng	99
32) Benzoic acid	10.05	122	120791	44.947	ng	97
33) 4-Chloroaniline	10.87	127	71832	9.818	ng	96
34) Hexachlorobutadiene	11.06	225	138007	38.520	ng	99
35) Caprolactam	11.64	113	106106m	57.042	ng	
36) 4-Chloro-3-methylphenol	12.01	107	290481	54.561	ng	99
37) 2-Methylnaphthalene	12.38	142	552333	46.245	ng	100
38) 1-Methylnaphthalene	12.59	142	526944	46.796	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	270587	37.676	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	304822	88.454 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	217429	46.837 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	241946	51.026 ng	98
46) 1,1'-Biphenyl	13.39	154	720843	41.624 ng	99
47) 2-Chloronaphthalene	13.43	162	574477	41.686 ng	100
48) 2-Nitroaniline	13.63	65	187564	46.118 ng	96
49) Acenaphthylene	14.27	152	936730	46.343 ng	99
50) Dimethylphthalate	14.01	163	845022	48.962 ng	99
51) 2,6-Dinitrotoluene	14.12	165	179680	46.693 ng	99
52) Acenaphthene	14.62	154	578458	44.152 ng	99
53) 3-Nitroaniline	14.45	138	61754	14.505 ng	99
54) 2,4-Dinitrophenol	14.66	184	212387	91.893 ng	99
55) Dibenzofuran	14.95	168	908037	45.777 ng	100
56) 4-Nitrophenol	14.77	139	339311	108.806 ng	98
57) 2,4-Dinitrotoluene	14.92	165	257752	47.790 ng	98
58) Fluorene	15.60	166	730956	46.786 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	220132	51.398 ng	98
60) Diethylphthalate	15.38	149	791439	46.022 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	379827	44.837 ng	99
62) 4-Nitroaniline	15.62	138	184037	43.261 ng	98
63) Azobenzene	15.89	77	713698	47.353 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	156996	51.345 ng	96
66) n-Nitrosodiphenylamine	15.81	169	702435	45.250 ng	98
67) 4-Bromophenyl-phenylether	16.49	248	259742	43.040 ng	98
68) Hexachlorobenzene	16.61	284	278607	41.207 ng	98
69) Atrazine	16.76	200	269376	50.628 ng	100
70) Pentachlorophenol	16.95	266	323456	94.031 ng	96
71) Phenanthrene	17.34	178	1190226	44.373 ng	100
72) Anthracene	17.43	178	1225010	46.194 ng	99
73) Carbazole	17.70	167	1099192	44.962 ng	98
74) Di-n-butylphthalate	18.26	149	1331660	44.079 ng	100
75) Fluoranthene	19.35	202	1372286	44.226 ng	99
77) Benzidine	19.53	184	482362	35.887 ng	99
78) Pyrene	19.71	202	1379550	44.330 ng	99
80) Butylbenzylphthalate	20.60	149	629307	44.375 ng	97
81) Benzo(a)anthracene	21.53	228	1342995	44.969 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	291729	25.169 ng	100
83) Chrysene	21.59	228	1272348	44.076 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	892891	45.743 ng	99
85) Di-n-octyl phthalate	22.62	149	1541661	45.647 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1681066	44.636 ng	100
88) Benzo(b)fluoranthene	23.66	252	1445905	44.775 ng	99
89) Benzo(k)fluoranthene	23.73	252	1384799	43.999 ng	100
90) Benzo(a)pyrene	24.50	252	1328834	43.522 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1368296	45.283 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1401795	46.342 ng	98

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

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