Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045099.D
Acq On : 20 Apr 2020 17:04
Operator : CG/JU
Sample : L2346-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2MS

Manual Integrations APPROVED
mohammad
4/21/2020 2:53:44 PM

Quant Time: Apr 20 18:31:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 16:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	72001	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	320952	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	240947	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	510700	20.00	ng	0.00
76) Chrysene-d12	21.68	240	440628	20.00	ng	0.00
87) Perylene-d12	24.87	264	489874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	462358	106.02	ng	0.00
7) Phenol-d6	7.20	99	739509	114.13	ng	0.00
23) Nitrobenzene-d5	9.19	82	477392	67.87	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	469587	126.15	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1334274	81.20	ng	0.00
79) Terphenyl-d14	20.02	244	2091498	103.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	66697	34.412	ng	96
3) Pyridine	3.88	79	201539	33.772	ng	98
4) n-Nitrosodimethylamine	3.79	42	80884	44.245	ng	86
6) Aniline	7.35	93	286090	33.958	ng	98
8) 2-Chlorophenol	7.60	128	256450	54.714	ng	96
9) Benzaldehyde	7.15	77	118408	29.869	ng	94
10) Phenol	7.23	94	347292	53.561	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	224885	43.561	ng	95
12) 1,3-Dichlorobenzene	7.92	146	257932	46.700	ng	98
13) 1,4-Dichlorobenzene	8.06	146	261794	47.569	ng	98
14) 1,2-Dichlorobenzene	8.38	146	253113	48.074	ng	97
15) Benzyl Alcohol	8.26	79	263521	48.507	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	213794	42.188	ng	96
17) 2-Methylphenol	8.48	107	241160	48.205	ng	96
18) Hexachloroethane	9.12	117	101513	49.066	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	209838	45.792	ng	98
20) 3+4-Methylphenols	8.81	107	336956	48.120	ng	99
22) Acetophenone	8.85	105	396607	45.695	ng	99
24) Nitrobenzene	9.23	77	324611	45.022	ng	97
25) Isophorone	9.75	82	612417	42.515	ng	99
26) 2-Nitrophenol	9.94	139	158002	50.874	ng	99
27) 2,4-Dimethylphenol	10.01	122	253959	51.535	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	347743	45.947	ng	99
29) 2,4-Dichlorophenol	10.49	162	296955	52.187	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	310982	48.271	ng	95
31) Naphthalene	10.88	128	828774	47.203	ng	99
32) Benzoic acid	10.17	122	199795	49.897	ng	93
33) 4-Chloroaniline	10.98	127	144329	17.626	ng	98
34) Hexachlorobutadiene	11.18	225	210975	47.764	ng	97
35) Caprolactam	11.77	113	99335m	43.863	ng	
36) 4-Chloro-3-methylphenol	12.12	107	333156	49.840	ng	99
37) 2-Methylnaphthalene	12.49	142	647686	47.526	ng	93
38) 1-Methylnaphthalene	12.71	142	625354	48.608	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	369912	47.682	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 16:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	356840	73.594	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	275085	50.242	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	285450	45.802	ng		98
46) 1,1'-Biphenyl	13.49	154	824206	45.005	ng		98
47) 2-Chloronaphthalene	13.54	162	651834	46.581	ng		99
48) 2-Nitroaniline	13.73	65	206030	44.749	ng		95
49) Acenaphthylene	14.39	152	1036916	45.492	ng		100
50) Dimethylphthalate	14.12	163	983762	50.143	ng		98
51) 2,6-Dinitrotoluene	14.23	165	198023	45.126	ng		96
52) Acenaphthene	14.73	154	762604m	49.449	ng		
53) 3-Nitroaniline	14.56	138	139217	28.926	ng		94
54) 2,4-Dinitrophenol	14.77	184	197513	75.694	ng		94
55) Dibenzofuran	15.06	168	1010883	44.960	ng		97
56) 4-Nitrophenol	14.89	139	313639	84.047	ng		95
57) 2,4-Dinitrotoluene	15.02	165	272786	42.537	ng		94
58) Fluorene	15.71	166	825009	44.922	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	268308	48.385	ng		98
60) Diethylphthalate	15.48	149	865978	42.336	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	463805	43.876	ng		99
62) 4-Nitroaniline	15.73	138	177989	35.656	ng		95
63) Azobenzene	16.00	77	828034	43.908	ng		100
65) 4,6-Dinitro-2-methylphenol	15.78	198	143260	42.677	ng		98
66) n-Nitrosodiphenylamine	15.91	169	741291	50.519	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	318745	48.379	ng		96
68) Hexachlorobenzene	16.72	284	343069	50.208	ng		97
69) Atrazine	16.86	200	299973	57.362	ng		100
70) Pentachlorophenol	17.06	266	396062	94.485	ng		97
71) Phenanthrene	17.45	178	1256574	47.881	ng		98
72) Anthracene	17.54	178	1291950	49.077	ng		99
73) Carbazole	17.80	167	1168450	43.738	ng		99
74) Di-n-butylphthalate	18.37	149	1390632	48.260	ng		99
75) Fluoranthene	19.46	202	1486739	44.632	ng		99
77) Benzidine	19.63	184	845980	69.534	ng		99
78) Pyrene	19.82	202	1455781	47.924	ng		100
80) Butylbenzylphthalate	20.71	149	589148	46.789	ng		100
81) Benzo(a)anthracene	21.65	228	1400619	49.043	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	411989	36.244	ng		98
83) Chrysene	21.72	228	1331735	48.533	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	817400	47.200	ng		100
85) Di-n-octyl phthalate	22.77	149	1385617	46.269	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1776810	48.771	ng	#	97
88) Benzo(b)fluoranthene	23.86	252	1472825	47.997	ng		99
89) Benzo(k)fluoranthene	23.93	252	1447604	49.606	ng		99
90) Benzo(a)pyrene	24.72	252	1381767	47.693	ng		99
91) Dibenzo(a,h)anthracene	28.58	278	1479745	50.688	ng		97
92) Benzo(g,h,i)perylene	29.64	276	1435600	49.050	ng		98

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

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