Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045764.D
Acq On : 15 Jun 2020 14:18
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:09 AM

Quant Time: Jun 15 15:03:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 14:56:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	48195	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	181614	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	128346	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	303189	20.00	ng	0.00
76) Chrysene-d12	21.58	240	287340	20.00	ng	0.00
86) Perylene-d12	24.70	264	320891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	243439	98.71	ng	0.00
7) Phenol-d6	7.16	99	371399	105.81	ng	0.00
23) Nitrobenzene-d5	9.09	82	342276	102.77	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	164680	100.33	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	760898	100.56	ng	0.00
79) Terphenyl-d14	19.94	244	1255911	101.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	54966	44.947	ng	100
3) Pyridine	3.77	79	166190	48.795	ng	100
4) n-Nitrosodimethylamine	3.69	42	54861	49.224	ng	100
6) Aniline	7.25	93	217357	47.437	ng	100
8) 2-Chlorophenol	7.51	128	126853	46.906	ng	100
9) Benzaldehyde	7.05	77	108704	47.534	ng	100
10) Phenol	7.19	94	178724	49.405	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	133662	47.370	ng	100
12) 1,3-Dichlorobenzene	7.81	146	153567	47.253	ng	100
13) 1,4-Dichlorobenzene	7.95	146	154808	48.269	ng	100
14) 1,2-Dichlorobenzene	8.27	146	145932	47.308	ng	100
15) Benzyl Alcohol	8.18	79	143425	49.464	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	124444	46.462	ng	100
17) 2-Methylphenol	8.42	107	133675	49.368	ng	100
18) Hexachloroethane	9.00	117	58563	47.676	ng	100
19) n-Nitroso-di-n-propylamine	8.73	70	121013	49.857	ng	100
20) 3+4-Methylphenols	8.76	107	176777	47.944	ng	100
22) Acetophenone	8.74	105	216382	50.269	ng	100
24) Nitrobenzene	9.13	77	184526	51.714	ng	100
25) Isophorone	9.65	82	336617	51.322	ng	100
26) 2-Nitrophenol	9.84	139	78866	51.667	ng	100
27) 2,4-Dimethylphenol	9.94	122	115107	50.844	ng	100
28) bis(2-Chloroethoxy)methane	10.13	93	173067	50.314	ng	100
29) 2,4-Dichlorophenol	10.41	162	136237	50.960	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	159087	50.359	ng	100
31) Naphthalene	10.78	128	430574	50.877	ng	100
32) Benzoic acid	10.14	122	64537	47.467	ng	100
33) 4-Chloroaniline	10.90	127	180560	51.040	ng	100
34) Hexachlorobutadiene	11.07	225	115265	51.618	ng	100
35) Caprolactam	11.67	113	43523	44.353	ng	100
36) 4-Chloro-3-methylphenol	12.08	107	156004	51.785	ng	100
37) 2-Methylnaphthalene	12.39	142	318424	50.480	ng	100
38) 1-Methylnaphthalene	12.60	142	303098	50.868	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	185123	51.640	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	85084	41.120	ng	100
43) 2,4,6-Trichlorophenol	13.02	196	123690	49.669	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	141827	49.838	ng	100
46) 1,1'-Biphenyl	13.40	154	397387	50.390	ng	100
47) 2-Chloronaphthalene	13.44	162	319504	49.892	ng	100
48) 2-Nitroaniline	13.66	65	107661	51.108	ng	100
49) Acenaphthylene	14.29	152	514625	50.030	ng	100
50) Dimethylphthalate	14.03	163	432389	49.110	ng	100
51) 2,6-Dinitrotoluene	14.15	165	97617	49.135	ng	100
52) Acenaphthene	14.63	154	308059	44.740	ng	100
53) 3-Nitroaniline	14.50	138	96174	47.620	ng	100
54) 2,4-Dinitrophenol	14.70	184	40801	35.366	ng	100
55) Dibenzofuran	14.97	168	507140	49.598	ng	100
56) 4-Nitrophenol	14.89	139	63051	41.236	ng	100
57) 2,4-Dinitrotoluene	14.94	165	140382	48.789	ng	100
58) Fluorene	15.62	166	422194	50.259	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	122887	49.083	ng	100
60) Diethylphthalate	15.39	149	445088	48.569	ng	100
61) 4-Chlorophenyl-phenylether	15.61	204	241814	50.304	ng	100
62) 4-Nitroaniline	15.66	138	101363m	48.076	ng	
63) Azobenzene	15.91	77	421212	49.294	ng	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	81055	45.904	ng	100
66) n-Nitrosodiphenylamine	15.83	169	367403	50.471	ng	100
67) 4-Bromophenyl-phenylether	16.50	248	169465	51.618	ng	100
68) Hexachlorobenzene	16.63	284	171497	49.944	ng	100
69) Atrazine	16.79	200	142191	47.423	ng	100
70) Pentachlorophenol	16.99	266	74747	41.923	ng	100
71) Phenanthrene	17.36	178	670046	50.623	ng	100
72) Anthracene	17.45	178	671326	50.506	ng	100
73) Carbazole	17.73	167	642102	49.559	ng	100
74) Di-n-butylphthalate	18.28	149	761520	48.969	ng	100
75) Fluoranthene	19.38	202	829514	49.272	ng	100
77) Benzidine	19.56	184	342896	42.490	ng	100
78) Pyrene	19.74	202	842233	51.420	ng	100
80) Butylbenzylphthalate	20.63	149	349893	49.490	ng	100
81) Benzo(a)anthracene	21.56	228	802051	50.107	ng	100
82) 3,3'-Dichlorobenzidine	21.48	252	308007	49.055	ng	100
83) Chrysene	21.62	228	787615	51.173	ng	100
84) Bis(2-ethylhexyl)phthalate	21.47	149	485570	49.963	ng	100
85) Di-n-octyl phthalate	22.65	149	836411	50.109	ng	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	993670	49.391	ng	100
88) Benzo(b)fluoranthene	23.72	252	865204	50.274	ng	100
89) Benzo(k)fluoranthene	23.78	252	838243	51.845	ng	100
90) Benzo(a)pyrene	24.56	252	805215	50.238	ng	100
91) Dibenzo(a,h)anthracene	28.31	278	799392	49.632	ng	100
92) Benzo(g,h,i)perylene	29.36	276	797846	49.529	ng	100

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

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