Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070120\
Data File : BG045906.D
Acq On : 1 Jul 2020 15:03
Operator : CG/JU
Sample : L3153-25MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 01 15:55:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 14:59:28 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP2-FMS

Manual Integrations APPROVED
Sohil
7/7/2020 8:17:34 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45316	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	181688	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	138958	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	343602	20.00	ng	0.00
76) Chrysene-d12	21.52	240	321649	20.00	ng	0.00
86) Perylene-d12	24.60	264	328673	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	344797	128.53	ng	0.00
7) Phenol-d6	7.07	99	519558	127.33	ng	-0.01
23) Nitrobenzene-d5	9.02	82	353870	88.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.01	330	280384	133.65	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	821800	86.91	ng	0.00
79) Terphenyl-d14	19.89	244	1472094	92.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	49957	40.660	ng	98
3) Pyridine	3.68	79	133784	36.745	ng	98
4) n-Nitrosodimethylamine	3.60	42	60732	49.694	ng	97
6) Aniline	7.18	93	120198	25.017	ng	98
8) 2-Chlorophenol	7.44	128	146155	50.899	ng	96
9) Benzaldehyde	6.98	77	66386	27.087	ng	98
10) Phenol	7.10	94	201279	50.908	ng	98
11) bis(2-Chloroethyl)ether	7.27	93	131439	43.768	ng	99
12) 1,3-Dichlorobenzene	7.74	146	153534	44.868	ng	95
13) 1,4-Dichlorobenzene	7.89	146	154777	45.283	ng	97
14) 1,2-Dichlorobenzene	8.21	146	146267	44.700	ng	93
15) Benzyl Alcohol	8.11	79	155853	49.356	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.38	45	125397	44.305	ng	96
17) 2-Methylphenol	8.34	107	135737	46.131	ng	96
18) Hexachloroethane	8.94	117	58781	45.281	ng	90
19) n-Nitroso-di-n-propylamine	8.66	70	127466	47.514	ng	99
20) 3+4-Methylphenols	8.67	107	188418	48.690	ng	91
22) Acetophenone	8.68	105	225326	45.185	ng	99
24) Nitrobenzene	9.06	77	191636	45.191	ng	99
25) Isophorone	9.59	82	349955	45.453	ng	100
26) 2-Nitrophenol	9.78	139	85570	48.436	ng	95
27) 2,4-Dimethylphenol	9.86	122	140213	51.983	ng	96
28) bis(2-Chloroethoxy)methane	10.07	93	190424	47.348	ng	97
29) 2,4-Dichlorophenol	10.34	162	159545	50.699	ng	97
30) 1,2,4-Trichlorobenzene	10.53	180	167873	45.061	ng	98
31) Naphthalene	10.71	128	455335	45.840	ng	99
32) Benzoic acid	10.03	122	28928	22.422	ng	96
33) 4-Chloroaniline	10.83	127	62005	14.906	ng	97
34) Hexachlorobutadiene	11.00	225	114742	43.307	ng	98
35) Caprolactam	11.60	113	58259m	57.209	ng	
36) 4-Chloro-3-methylphenol	12.00	107	192342	52.936	ng	95
37) 2-Methylnaphthalene	12.33	142	351435	47.513	ng	97
38) 1-Methylnaphthalene	12.55	142	339391	48.487	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	202806	44.324	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	191328	76.154	ng		94
43) 2,4,6-Trichlorophenol	12.96	196	144238	46.495	ng		94
44) 2,4,5-Trichlorophenol	13.05	196	151423	42.827	ng		96
46) 1,1'-Biphenyl	13.35	154	455930	45.829	ng		98
47) 2-Chloronaphthalene	13.39	162	360835	44.901	ng		99
48) 2-Nitroaniline	13.60	65	128758	48.167	ng		98
49) Acenaphthylene	14.23	152	593032	46.071	ng		99
50) Dimethylphthalate	13.98	163	660977	60.719	ng		100
51) 2,6-Dinitrotoluene	14.09	165	117698	48.138	ng		98
52) Acenaphthene	14.58	154	362035	46.400	ng		99
53) 3-Nitroaniline	14.43	138	60860	24.920	ng		91
54) 2,4-Dinitrophenol	14.65	184	22535	24.361	ng		92
55) Dibenzofuran	14.92	168	594343	46.890	ng		98
56) 4-Nitrophenol	14.80	139	155436	88.396	ng		88
57) 2,4-Dinitrotoluene	14.89	165	167161	47.717	ng		96
58) Fluorene	15.57	166	508248	48.222	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	143496	46.761	ng	#	74
60) Diethylphthalate	15.34	149	537926	48.338	ng		98
61) 4-Chlorophenyl-phenylether	15.56	204	280202	46.126	ng		98
62) 4-Nitroaniline	15.60	138	115991	46.278	ng		99
63) Azobenzene	15.86	77	523873	49.027	ng		98
65) 4,6-Dinitro-2-methylphenol	15.66	198	51239	24.130	ng		93
66) n-Nitrosodiphenylamine	15.78	169	447819	46.014	ng		100
67) 4-Bromophenyl-phenylether	16.45	248	197903	44.327	ng		98
68) Hexachlorobenzene	16.58	284	218051	47.099	ng		99
69) Atrazine	16.73	200	174625	46.240	ng		99
70) Pentachlorophenol	16.94	266	133038	60.341	ng		97
71) Phenanthrene	17.31	178	827761	46.711	ng		99
72) Anthracene	17.40	178	838975	47.543	ng		99
73) Carbazole	17.68	167	768593	45.743	ng		99
74) Di-n-butylphthalate	18.23	149	927403	46.615	ng		99
75) Fluoranthene	19.32	202	1020512	46.832	ng		99
77) Benzidine	19.51	184	260418	31.143	ng		98
78) Pyrene	19.69	202	1011413	46.958	ng		99
80) Butylbenzylphthalate	20.58	149	414294	45.953	ng		99
81) Benzo(a)anthracene	21.50	228	957002	45.891	ng		97
82) 3,3'-Dichlorobenzidine	21.42	252	180005	22.820	ng		97
83) Chrysene	21.57	228	930610	46.138	ng		99
84) Bis(2-ethylhexyl)phthalate	21.42	149	574772	45.834	ng		99
85) Di-n-octyl phthalate	22.58	149	965641	44.641	ng		100
87) Indeno(1,2,3-cd)pyrene	28.11	276	1206196	50.622	ng	#	95
88) Benzo(b)fluoranthene	23.63	252	1048738	50.891	ng		99
89) Benzo(k)fluoranthene	23.70	252	976623	49.517	ng		100
90) Benzo(a)pyrene	24.46	252	936859	48.667	ng		100
91) Dibenzo(a,h)anthracene	28.16	278	987956	51.706	ng		99
92) Benzo(g,h,i)perylene	29.20	276	979351	51.208	ng		98

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

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