Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045760.D
Acq On : 13 Jun 2020 5:58
Operator : CG/JU
Sample : L2979-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
15-SPMSD

Manual Integrations APPROVED
mohammad
6/16/2020 11:05:04 AM

Quant Time: Jun 13 06:59:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62376	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	243061	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	167646	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	379094	20.00	ng		0.00
76) Chrysene-d12	21.60	240	333907	20.00	ng		0.00
87) Perylene-d12	24.75	264	364533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	356089	111.57	ng		0.04
7) Phenol-d6	7.21	99	511055	112.50	ng		0.06
23) Nitrobenzene-d5	9.12	82	323728	72.63	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	226779	105.77	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	721449	72.99	ng		0.00
79) Terphenyl-d14	19.95	244	1130432	78.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	62236	39.322	ng	#	95
3) Pyridine	3.80	79	180746	41.004	ng		97
4) n-Nitrosodimethylamine	3.72	42	76032	52.711	ng	#	88
6) Aniline	7.28	93	178810	30.152	ng		100
8) 2-Chlorophenol	7.55	128	197980	56.563	ng		99
9) Benzaldehyde	7.08	77	144139	48.700	ng		97
10) Phenol	7.24	94	267876	57.214	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	177363	48.567	ng		99
12) 1,3-Dichlorobenzene	7.84	146	212061	50.417	ng		99
13) 1,4-Dichlorobenzene	7.98	146	211235	50.889	ng		96
14) 1,2-Dichlorobenzene	8.30	146	197883	49.565	ng		95
15) Benzyl Alcohol	8.21	79	198275	52.834	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	168090	48.489	ng		70
17) 2-Methylphenol	8.46	107	175766	50.156	ng	#	92
18) Hexachloroethane	9.03	117	81326	51.155	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	160890	51.216	ng		98
20) 3+4-Methylphenols	8.80	107	233794	48.992	ng		93
22) Acetophenone	8.77	105	292956	50.853	ng	#	96
24) Nitrobenzene	9.16	77	246123	51.539	ng		98
25) Isophorone	9.68	82	426422	48.578	ng		96
26) 2-Nitrophenol	9.87	139	114139	55.872	ng		92
27) 2,4-Dimethylphenol	9.98	122	175310	57.860	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	242571	52.693	ng		96
29) 2,4-Dichlorophenol	10.45	162	202076	56.478	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	223193	52.791	ng		98
31) Naphthalene	10.81	128	585593	51.701	ng		99
32) Benzoic acid	10.20	122	120903	56.443	ng		97
33) 4-Chloroaniline	10.93	127	106772	22.552	ng		97
34) Hexachlorobutadiene	11.10	225	155348	51.981	ng		98
35) Caprolactam	11.71	113	63827	48.601	ng		85
36) 4-Chloro-3-methylphenol	12.12	107	232983	57.787	ng		97
37) 2-Methylnaphthalene	12.42	142	438157	51.902	ng		95
38) 1-Methylnaphthalene	12.63	142	412909m	51.778	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	248550	53.079	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	217687	80.544	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	172145	52.922	ng		98
44) 2,4,5-Trichlorophenol	13.15	196	188448	50.697	ng		99
46) 1,1'-Biphenyl	13.43	154	551076	53.497	ng		100
47) 2-Chloronaphthalene	13.47	162	434160	51.903	ng		98
48) 2-Nitroaniline	13.69	65	140897	51.206	ng		94
49) Acenaphthylene	14.31	152	686804	51.116	ng		99
50) Dimethylphthalate	14.06	163	607001	52.781	ng		99
51) 2,6-Dinitrotoluene	14.17	165	128822	49.641	ng		100
52) Acenaphthene	14.66	154	413991	46.030	ng		97
53) 3-Nitroaniline	14.52	138	90063	34.141	ng		99
54) 2,4-Dinitrophenol	14.73	184	104968	62.993	ng		97
55) Dibenzofuran	15.00	168	679672	50.889	ng		96
56) 4-Nitrophenol	14.92	139	165720	82.975	ng		88
57) 2,4-Dinitrotoluene	14.97	165	181455	48.281	ng		98
58) Fluorene	15.64	166	570243	51.970	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	173158	52.949	ng		99
60) Diethylphthalate	15.41	149	578351	48.317	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	314434	50.077	ng		99
62) 4-Nitroaniline	15.69	138	112139	40.719	ng		100
63) Azobenzene	15.93	77	566176	50.726	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	105701	47.875	ng		95
66) n-Nitrosodiphenylamine	15.86	169	489197	53.746	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	214242	52.191	ng		97
68) Hexachlorobenzene	16.65	284	235680	54.893	ng		96
69) Atrazine	16.81	200	184116	49.110	ng		98
70) Pentachlorophenol	17.02	266	231375	103.787	ng		98
71) Phenanthrene	17.39	178	919788	55.578	ng		100
72) Anthracene	17.47	178	887090	53.376	ng		98
73) Carbazole	17.76	167	802746	49.552	ng		99
74) Di-n-butylphthalate	18.30	149	948242	48.767	ng		99
75) Fluoranthene	19.40	202	1114881	52.963	ng		99
77) Benzidine	19.58	184	414560	44.206	ng		98
78) Pyrene	19.76	202	1078704	56.672	ng		99
80) Butylbenzylphthalate	20.65	149	416980	50.754	ng		99
81) Benzo(a)anthracene	21.59	228	986494	53.035	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	263667	36.137	ng		98
83) Chrysene	21.65	228	965931	54.007	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	581902	51.525	ng		98
85) Di-n-octyl phthalate	22.68	149	971986	50.110	ng		100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1234222	52.771	ng	#	97
88) Benzo(b)fluoranthene	23.76	252	1056178	54.024	ng		99
89) Benzo(k)fluoranthene	23.82	252	1014766	55.249	ng		99
90) Benzo(a)pyrene	24.61	252	964382	52.965	ng		98
91) Dibenzo(a,h)anthracene	28.40	278	978718	53.491	ng		97
92) Benzo(g,h,i)perylene	29.45	276	1010678	55.230	ng		98

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

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