Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
Data File : BG046678.D
Acq On : 18 Sep 2020 20:47
Operator : CG/JU
Sample : L4038-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAV-B36-091620-0-10MSD

Manual Integrations APPROVED
mohammad
9/21/2020 10:33:46 AM

Quant Time: Sep 21 08:36:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 14:27:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	77409	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	320259	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	219237	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	481847	20.00	ng		0.00
76) Chrysene-d12	21.55	240	450677	20.00	ng		0.00
86) Perylene-d12	24.64	264	455319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	468319	107.16	ng		0.00
7) Phenol-d6	7.10	99	604283	97.53	ng		0.00
23) Nitrobenzene-d5	9.08	82	424690	75.79	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	280960	94.58	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1091352	75.99	ng		0.00
79) Terphenyl-d14	19.91	244	1656301	78.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	60761	33.417	ng	#	38
3) Pyridine	3.83	79	169174	31.800	ng		98
4) n-Nitrosodimethylamine	3.73	42	83569	42.591	ng		93
6) Aniline	7.25	93	109610	15.722	ng		97
8) 2-Chlorophenol	7.49	128	218368	47.274	ng		96
9) Benzaldehyde	7.06	77	73750	21.247	ng		96
10) Phenol	7.13	94	235814	41.324	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	200720	43.760	ng		97
12) 1,3-Dichlorobenzene	7.81	146	212487	36.232	ng		97
13) 1,4-Dichlorobenzene	7.96	146	214576	36.547	ng		99
14) 1,2-Dichlorobenzene	8.28	146	213899	37.995	ng		97
15) Benzyl Alcohol	8.16	79	195417	49.128	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	307528	43.224	ng		98
17) 2-Methylphenol	8.37	107	190113	46.977	ng		98
18) Hexachloroethane	9.00	117	69944	35.135	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	166482	44.923	ng		99
20) 3+4-Methylphenols	8.70	107	255525	45.745	ng		97
22) Acetophenone	8.74	105	318715	40.883	ng	#	98
24) Nitrobenzene	9.12	77	239713	43.303	ng		98
25) Isophorone	9.64	82	464072	45.174	ng		100
26) 2-Nitrophenol	9.83	139	129940	44.489	ng		98
27) 2,4-Dimethylphenol	9.90	122	212271	52.841	ng		97
28) bis(2-Chloroethoxy)methane	10.12	93	279049	42.202	ng		100
29) 2,4-Dichlorophenol	10.37	162	243610	45.491	ng		98
30) 1,2,4-Trichlorobenzene	10.58	180	241758	38.049	ng		99
31) Naphthalene	10.77	128	643006	41.121	ng		99
33) 4-Chloroaniline	10.88	127	24979	3.623	ng		93
34) Hexachlorobutadiene	11.06	225	151736	36.787	ng		100
35) Caprolactam	11.65	113	63702	31.823	ng		98
36) 4-Chloro-3-methylphenol	12.01	107	240804	45.975	ng		97
37) 2-Methylnaphthalene	12.38	142	518083	42.009	ng		100
38) 1-Methylnaphthalene	12.59	142	491490	42.073	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	313148	43.315	ng		99
41) Hexachlorocyclopentadiene	12.73	237	236717	75.301	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.99	196	215431	44.157	ng		98
44) 2,4,5-Trichlorophenol	13.07	196	226536	44.194	ng		97
46) 1,1'-Biphenyl	13.39	154	679820	44.569	ng		99
47) 2-Chloronaphthalene	13.43	162	536851	41.511	ng		98
48) 2-Nitroaniline	13.63	65	151571	42.207	ng		98
49) Acenaphthylene	14.27	152	841558	42.898	ng		99
50) Dimethylphthalate	14.01	163	687501	40.534	ng		100
51) 2,6-Dinitrotoluene	14.13	165	159562	42.677	ng		99
52) Acenaphthene	14.62	154	514644	42.334	ng		100
53) 3-Nitroaniline	14.46	138	62401	15.408	ng		99
54) 2,4-Dinitrophenol	14.69	184	6779	3.106	ng	#	84
55) Dibenzofuran	14.95	168	825941	42.335	ng		99
56) 4-Nitrophenol	14.78	139	104153	34.944	ng		94
57) 2,4-Dinitrotoluene	14.92	165	219926	41.253	ng		99
58) Fluorene	15.60	166	682211	41.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	164560m	33.060	ng		
60) Diethylphthalate	15.37	149	658873	39.842	ng		99
61) 4-Chlorophenyl-phenylether	15.59	204	370685	41.105	ng		99
62) 4-Nitroaniline	15.62	138	147766	34.579	ng		99
63) Azobenzene	15.88	77	569905	42.366	ng		99
65) 4,6-Dinitro-2-methylphenol	15.69	198	25385	9.308	ng		97
66) n-Nitrosodiphenylamine	15.81	169	603909	46.457	ng		99
67) 4-Bromophenyl-phenylether	16.48	248	255477	45.446	ng		97
68) Hexachlorobenzene	16.61	284	263701	42.356	ng		97
69) Atrazine	16.75	200	171627	32.364	ng		99
70) Pentachlorophenol	16.96	266	46120	14.178	ng		94
71) Phenanthrene	17.34	178	1038481	42.520	ng		99
72) Anthracene	17.43	178	1063958	44.153	ng		100
73) Carbazole	17.70	167	961855	42.277	ng		99
74) Di-n-butylphthalate	18.26	149	1075631	41.115	ng		100
75) Fluoranthene	19.35	202	1242328	39.526	ng		99
77) Benzidine	19.54	184	31527	3.010	ng	#	94
78) Pyrene	19.71	202	1259706	43.894	ng		99
80) Butylbenzylphthalate	20.60	149	480232	42.900	ng		99
81) Benzo(a)anthracene	21.53	228	1207519	42.987	ng		99
82) 3,3'-Dichlorobenzidine	21.44	252	176076	16.890	ng		98
83) Chrysene	21.59	228	1166243	43.161	ng		98
84) Bis(2-ethylhexyl)phthalate	21.44	149	683774	44.760	ng		99
85) Di-n-octyl phthalate	22.61	149	1157820	44.264	ng		98
87) Indeno(1,2,3-cd)pyrene	28.16	276	1438135	43.977	ng	#	91
88) Benzo(b)fluoranthene	23.67	252	1236473	43.491	ng		100
89) Benzo(k)fluoranthene	23.73	252	1187833	43.230	ng		99
90) Benzo(a)pyrene	24.50	252	1105739	41.676	ng		99
91) Dibenzo(a,h)anthracene	28.22	278	1189029	45.057	ng		100
92) Benzo(g,h,i)perylene	29.26	276	1216329	46.157	ng		99

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

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