Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046523.D
Acq On : 3 Sep 2020 19:29
Operator : CG/JU
Sample : L3871-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220MS

Manual Integrations APPROVED
mohammad
9/4/2020 1:54:54 PM

Quant Time: Sep 04 07:20:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82995	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	329064	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	219283	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	507474	20.00	ng		0.00
76) Chrysene-d12	21.56	240	486204	20.00	ng		0.00
86) Perylene-d12	24.65	264	512226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	546171	116.56	ng		0.00
7) Phenol-d6	7.11	99	656227	98.79	ng		0.00
23) Nitrobenzene-d5	9.09	82	500516	86.93	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	333604	112.28	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1218138	84.80	ng		0.00
79) Terphenyl-d14	19.92	244	1828306	80.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	68893	35.339	ng	#	32
3) Pyridine	3.83	79	188190	32.994	ng		98
4) n-Nitrosodimethylamine	3.73	42	99873	47.475	ng		95
6) Aniline	7.26	93	227099	30.381	ng		99
8) 2-Chlorophenol	7.50	128	248618	50.200	ng		98
9) Benzaldehyde	7.07	77	140180	37.666	ng		98
10) Phenol	7.13	94	264641	43.254	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	232983	47.375	ng		98
12) 1,3-Dichlorobenzene	7.82	146	247761	39.404	ng		98
13) 1,4-Dichlorobenzene	7.97	146	249508	39.636	ng		98
14) 1,2-Dichlorobenzene	8.28	146	244634	40.530	ng		99
15) Benzyl Alcohol	8.17	79	219672	51.509	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	350990	46.012	ng		99
17) 2-Methylphenol	8.38	107	212833	49.051	ng		100
18) Hexachloroethane	9.01	117	83040	38.906	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	190160	47.858	ng		97
20) 3+4-Methylphenols	8.71	107	287213	47.957	ng		99
22) Acetophenone	8.75	105	366603	45.768	ng	#	98
24) Nitrobenzene	9.13	77	271297	47.697	ng		99
25) Isophorone	9.65	82	521169	49.375	ng		99
26) 2-Nitrophenol	9.84	139	148818	49.589	ng		96
27) 2,4-Dimethylphenol	9.91	122	238140	57.695	ng		96
28) bis(2-Chloroethoxy)methane	10.14	93	318749	46.917	ng		98
29) 2,4-Dichlorophenol	10.38	162	272767	49.572	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	264950	40.583	ng		99
31) Naphthalene	10.78	128	709660	44.169	ng		99
32) Benzoic acid	10.07	122	83220	31.531	ng		98
33) 4-Chloroaniline	10.89	127	74474	10.512	ng		99
34) Hexachlorobutadiene	11.08	225	163544	38.589	ng		99
35) Caprolactam	11.67	113	72749m	35.370	ng		
36) 4-Chloro-3-methylphenol	12.02	107	267378	49.683	ng		97
37) 2-Methylnaphthalene	12.39	142	559579	44.160	ng		98
38) 1-Methylnaphthalene	12.60	142	533693	44.463	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	336430	46.525	ng		99

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Quant Time: Sep 04 07:20:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	353889	112.550	ng		98
43) 2,4,6-Trichlorophenol	13.00	196	241315	49.452	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	260892	50.886	ng		98
46) 1,1'-Biphenyl	13.40	154	744304	48.786	ng		98
47) 2-Chloronaphthalene	13.44	162	589212	45.550	ng		99
48) 2-Nitroaniline	13.64	65	169009	47.053	ng		99
49) Acenaphthylene	14.28	152	932079	47.502	ng		99
50) Dimethylphthalate	14.02	163	791344	46.646	ng		100
51) 2,6-Dinitrotoluene	14.14	165	183295	49.014	ng		98
52) Acenaphthene	14.63	154	570369	46.908	ng		98
53) 3-Nitroaniline	14.47	138	117430	28.989	ng		99
54) 2,4-Dinitrophenol	14.68	184	225358	103.240	ng		99
55) Dibenzofuran	14.96	168	914908	46.885	ng		99
56) 4-Nitrophenol	14.79	139	260427	87.356	ng		99
57) 2,4-Dinitrotoluene	14.92	165	264699	49.641	ng	#	98
58) Fluorene	15.61	166	767960	46.890	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	242997	48.807	ng		98
60) Diethylphthalate	15.38	149	767782	46.418	ng		100
61) 4-Chlorophenyl-phenylether	15.60	204	415291	46.041	ng		97
62) 4-Nitroaniline	15.63	138	175761	41.121	ng		94
63) Azobenzene	15.90	77	652157	48.470	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	163603	56.958	ng		96
66) n-Nitrosodiphenylamine	15.82	169	690044	50.403	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	290223	49.019	ng		98
68) Hexachlorobenzene	16.62	284	308735	47.085	ng		98
69) Atrazine	16.77	200	209431	37.498	ng		98
70) Pentachlorophenol	16.96	266	357558	104.370	ng		100
71) Phenanthrene	17.35	178	1230113	47.823	ng		98
72) Anthracene	17.44	178	1251204	49.302	ng		98
73) Carbazole	17.71	167	1141506	47.640	ng		99
74) Di-n-butylphthalate	18.27	149	1292289	46.902	ng		99
75) Fluoranthene	19.36	202	1519435	45.902	ng		99
77) Benzidine	19.54	184	120317	10.650	ng		99
78) Pyrene	19.72	202	1523756	49.215	ng		99
80) Butylbenzylphthalate	20.61	149	598024	49.519	ng		98
81) Benzo(a)anthracene	21.53	228	1452595	47.933	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	393055	34.950	ng		99
83) Chrysene	21.60	228	1422295	48.791	ng		99
84) Bis(2-ethylhexyl)phthalate	21.46	149	834894	50.659	ng		100
85) Di-n-octyl phthalate	22.63	149	1465543	51.934	ng		99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1854829	50.418	ng		100
88) Benzo(b)fluoranthene	23.68	252	1563205	48.875	ng		96
89) Benzo(k)fluoranthene	23.74	252	1545266	49.991	ng		98
90) Benzo(a)pyrene	24.51	252	1437277	48.153	ng		99
91) Dibenzo(a,h)anthracene	28.24	278	1512513	50.947	ng		99
92) Benzo(g,h,i)perylene	29.28	276	1551322	52.329	ng		98

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

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