Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
Data File : BG046490.D
Acq On : 1 Sep 2020 18:47
Operator : CG/JU
Sample : L3508-28MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-08-082820MSD

Manual Integrations APPROVED
mohammad
9/2/2020 1:58:12 PM

Quant Time: Sep 02 00:57:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	63420	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	264154	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	200895	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	520125	20.00	ng	0.00
76) Chrysene-d12	21.55	240	515546	20.00	ng	0.00
86) Perylene-d12	24.66	264	538562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	459608	128.36	ng	0.00
7) Phenol-d6	7.11	99	585805	115.41	ng	0.00
23) Nitrobenzene-d5	9.09	82	436105	94.36	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	387896	142.50	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1184662	90.02	ng	0.00
79) Terphenyl-d14	19.92	244	2055615	84.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	53788	36.107	ng	# 37
3) Pyridine	3.82	79	127295	29.206	ng	98
4) n-Nitrosodimethylamine	3.73	42	77163	48.001	ng	99
6) Aniline	7.26	93	212631	37.226	ng	99
8) 2-Chlorophenol	7.50	128	207618	54.861	ng	99
9) Benzaldehyde	7.07	77	101218	35.592	ng	95
10) Phenol	7.14	94	227682	48.700	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	185451	49.349	ng	100
12) 1,3-Dichlorobenzene	7.82	146	201329	41.902	ng	100
13) 1,4-Dichlorobenzene	7.96	146	203824	42.373	ng	98
14) 1,2-Dichlorobenzene	8.29	146	203388	44.097	ng	98
15) Benzyl Alcohol	8.17	79	192018	58.922	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	277751	47.649	ng	99
17) 2-Methylphenol	8.38	107	187380	56.514	ng	99
18) Hexachloroethane	9.02	117	68798	42.183	ng	93
19) n-Nitroso-di-n-propylamine	8.74	70	160914	52.998	ng	98
20) 3+4-Methylphenols	8.71	107	257681	56.306	ng	98
22) Acetophenone	8.75	105	314800	48.958	ng	100
24) Nitrobenzene	9.13	77	226697	49.649	ng	98
25) Isophorone	9.66	82	472570	55.772	ng	98
26) 2-Nitrophenol	9.84	139	129107	53.593	ng	98
27) 2,4-Dimethylphenol	9.91	122	216469	65.332	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	274279	50.291	ng	99
29) 2,4-Dichlorophenol	10.38	162	247384	56.007	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	228584	43.616	ng	97
31) Naphthalene	10.78	128	615937	47.756	ng	99
32) Benzoic acid	10.04	122	64927	30.878	ng	94
33) 4-Chloroaniline	10.89	127	93818	16.496	ng	95
34) Hexachlorobutadiene	11.07	225	136994	40.268	ng	99
35) Caprolactam	11.66	113	85075m	51.527	ng	
36) 4-Chloro-3-methylphenol	12.02	107	266352	61.654	ng	93
37) 2-Methylnaphthalene	12.39	142	519876	51.108	ng	100
38) 1-Methylnaphthalene	12.61	142	502811	52.184	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	311594	47.035	ng	99

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Quant Time: Sep 02 00:57:37 2020
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	318738	110.650	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	243099	54.377	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	268459	57.154	ng	100
46) 1,1'-Biphenyl	13.40	154	714257	51.102	ng	99
47) 2-Chloronaphthalene	13.44	162	561651	47.394	ng	99
48) 2-Nitroaniline	13.64	65	181311	55.098	ng	98
49) Acenaphthylene	14.29	152	943117	52.464	ng	100
50) Dimethylphthalate	14.02	163	835911	53.783	ng	99
51) 2,6-Dinitrotoluene	14.13	165	193099	56.362	ng	99
52) Acenaphthene	14.63	154	570104	51.178	ng	98
53) 3-Nitroaniline	14.46	138	127763	34.427	ng	99
54) 2,4-Dinitrophenol	14.67	184	213229	106.625	ng	97
55) Dibenzofuran	14.96	168	936467	52.383	ng	98
56) 4-Nitrophenol	14.79	139	301405	110.355	ng	98
57) 2,4-Dinitrotoluene	14.93	165	282069	57.740	ng	98
58) Fluorene	15.61	166	791612	52.758	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	268411	58.846	ng	98
60) Diethylphthalate	15.38	149	829984	54.772	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	435972	52.758	ng	97
62) 4-Nitroaniline	15.63	138	202124	51.618	ng	96
63) Azobenzene	15.90	77	683699	55.466	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	176050	59.801	ng	99
66) n-Nitrosodiphenylamine	15.82	169	746464	53.198	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	316961	52.233	ng	97
68) Hexachlorobenzene	16.62	284	335433	49.912	ng	98
69) Atrazine	16.77	200	289641	50.598	ng	99
70) Pentachlorophenol	16.97	266	407499	116.055	ng	99
71) Phenanthrene	17.35	178	1349537	51.189	ng	99
72) Anthracene	17.44	178	1380922	53.090	ng	98
73) Carbazole	17.71	167	1284857	52.318	ng	99
74) Di-n-butylphthalate	18.28	149	1430718	50.663	ng	98
75) Fluoranthene	19.36	202	1671517	49.268	ng	98
77) Benzidine	19.54	184	107680	8.989	ng	98
78) Pyrene	19.72	202	1679680	51.164	ng	98
80) Butylbenzylphthalate	20.61	149	662133	51.708	ng	96
81) Benzo(a)anthracene	21.54	228	1635466	50.895	ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	468446	39.283	ng	98
83) Chrysene	21.60	228	1560128	50.473	ng	97
84) Bis(2-ethylhexyl)phthalate	21.45	149	914046	52.306	ng	100
85) Di-n-octyl phthalate	22.62	149	1590898	53.168	ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1996111	51.605	ng	99
88) Benzo(b)fluoranthene	23.68	252	1669617	49.649	ng	97
89) Benzo(k)fluoranthene	23.75	252	1655202	50.929	ng	97
90) Benzo(a)pyrene	24.52	252	1558058	49.647	ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1652326	52.935	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1683901	54.023	ng	98

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

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