Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045285.D
Acq On : 8 May 2020 1:19
Operator : CG/JU
Sample : L2529-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11936MSD

Manual Integrations APPROVED
mohammad
5/8/2020 1:00:18 PM

Quant Time: May 08 04:20:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	63712	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	253224	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	177314	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	420074	20.00	ng	0.00
76) Chrysene-d12	21.64	240	375133	20.00	ng	0.00
87) Perylene-d12	24.80	264	418676	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	437104	113.27	ng	0.00
7) Phenol-d6	7.15	99	634173	110.60	ng	0.00
23) Nitrobenzene-d5	9.14	82	415292	74.83	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	313172	114.33	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	967399	80.00	ng	0.00
79) Terphenyl-d14	19.99	244	1618594	94.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	78061	45.515	ng	99
3) Pyridine	3.83	79	187720	35.549	ng	95
4) n-Nitrosodimethylamine	3.74	42	81765	50.545	ng	95
6) Aniline	7.30	93	263089	35.291	ng	98
8) 2-Chlorophenol	7.55	128	216688	52.245	ng	96
9) Benzaldehyde	7.11	77	169938	59.930	ng	99
10) Phenol	7.17	94	294073	51.254	ng	98
11) bis(2-Chloroethyl)ether	7.40	93	197025	43.130	ng	99
12) 1,3-Dichlorobenzene	7.87	146	232694	47.612	ng	98
13) 1,4-Dichlorobenzene	8.02	146	231075	47.450	ng	99
14) 1,2-Dichlorobenzene	8.34	146	223771	48.030	ng	97
15) Benzyl Alcohol	8.22	79	221592	46.096	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.51	45	181178	40.404	ng	96
17) 2-Methylphenol	8.43	107	195071	44.066	ng	96
18) Hexachloroethane	9.07	117	87967	48.050	ng	96
19) n-Nitroso-di-n-propylamine	8.79	70	175907	43.382	ng	96
20) 3+4-Methylphenols	8.75	107	266119	42.948	ng	97
22) Acetophenone	8.80	105	329396	48.102	ng	98
24) Nitrobenzene	9.18	77	269790	47.426	ng	97
25) Isophorone	9.71	82	489680	43.087	ng	100
26) 2-Nitrophenol	9.89	139	127150	51.891	ng	99
27) 2,4-Dimethylphenol	9.96	122	199422	51.292	ng	91
28) bis(2-Chloroethoxy)methane	10.19	93	270816	45.353	ng	98
29) 2,4-Dichlorophenol	10.44	162	224355	49.974	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	245128	48.225	ng	99
31) Naphthalene	10.84	128	657362	47.454	ng	98
32) Benzoic acid	10.12	122	116560	38.557	ng	91
33) 4-Chloroaniline	10.95	127	135679	21.002	ng	97
34) Hexachlorobutadiene	11.13	225	166787	47.859	ng	100
35) Caprolactam	11.71	113	78041m	43.677	ng	
36) 4-Chloro-3-methylphenol	12.08	107	247704	46.968	ng	99
37) 2-Methylnaphthalene	12.45	142	491124	45.677	ng	97
38) 1-Methylnaphthalene	12.67	142	465194m	45.830	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	277271	48.567	ng	99

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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	12.81	237	297825	83.466	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	192985	47.896	ng		96
44) 2,4,5-Trichlorophenol	13.13	196	207057	45.147	ng		99
46) 1,1'-Biphenyl	13.46	154	631316	46.844	ng		99
47) 2-Chloronaphthalene	13.50	162	486482	47.241	ng		100
48) 2-Nitroaniline	13.69	65	156352	46.146	ng		98
49) Acenaphthylene	14.35	152	804958	47.989	ng		99
50) Dimethylphthalate	14.08	163	791659	54.833	ng		99
51) 2,6-Dinitrotoluene	14.19	165	149962	46.438	ng		96
52) Acenaphthene	14.69	154	580288m	51.131	ng		
53) 3-Nitroaniline	14.52	138	93862	26.501	ng		94
54) 2,4-Dinitrophenol	14.73	184	159963	83.304	ng		91
55) Dibenzofuran	15.02	168	779691	47.122	ng		99
56) 4-Nitrophenol	14.85	139	250644	91.270	ng		95
57) 2,4-Dinitrotoluene	14.99	165	215717	45.710	ng		99
58) Fluorene	15.67	166	634530	46.950	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	202837	49.705	ng		98
60) Diethylphthalate	15.45	149	674358	44.800	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	354771	45.605	ng		99
62) 4-Nitroaniline	15.69	138	146093	39.769	ng		94
63) Azobenzene	15.96	77	647869	46.683	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	129891	47.042	ng		97
66) n-Nitrosodiphenylamine	15.88	169	572059	47.397	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	241819	44.622	ng		97
68) Hexachlorobenzene	16.68	284	262487	46.702	ng		99
69) Atrazine	16.83	200	214468	49.160	ng		96
70) Pentachlorophenol	17.03	266	312542	90.646	ng		97
71) Phenanthrene	17.41	178	1025647	47.513	ng		99
72) Anthracene	17.51	178	1043023	48.169	ng		100
73) Carbazole	17.77	167	955489	43.483	ng		98
74) Di-n-butylphthalate	18.34	149	1144748	48.303	ng		99
75) Fluoranthene	19.43	202	1261902	50.488	ng		98
77) Benzidine	19.60	184	638607	60.876	ng		96
78) Pyrene	19.79	202	1247722	48.246	ng		98
80) Butylbenzylphthalate	20.67	149	518196	48.339	ng		98
81) Benzo(a)anthracene	21.62	228	1182878	48.650	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	277345	28.659	ng		97
83) Chrysene	21.68	228	1131883	48.451	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	708997	48.088	ng		99
85) Di-n-octyl phthalate	22.73	149	1195238	46.880	ng		99
86) Indeno(1,2,3-cd)pyrene	28.41	276	1494719	48.191	ng	#	97
88) Benzo(b)fluoranthene	23.81	252	1248922m	47.622	ng		
89) Benzo(k)fluoranthene	23.87	252	1186502	47.573	ng		99
90) Benzo(a)pyrene	24.66	252	1156270	46.697	ng		98
91) Dibenzo(a,h)anthracene	28.47	278	1202621	48.200	ng		96
92) Benzo(g,h,i)perylene	29.54	276	1248514	49.912	ng		97

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

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