Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045505.D
Acq On : 28 May 2020 20:17
Operator : CG/JU
Sample : L2498-16MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-052220MS

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:06 PM

Quant Time: May 29 01:49:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	77442	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	316142	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	225058	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	492621	20.00	ng		0.00
76) Chrysene-d12	21.61	240	433274	20.00	ng		0.00
87) Perylene-d12	24.76	264	482073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	560348	141.41	ng		0.00
7) Phenol-d6	7.17	99	720991	127.83	ng		0.00
23) Nitrobenzene-d5	9.12	82	606190	104.56	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	440381	153.00	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1366983	103.03	ng		0.00
79) Terphenyl-d14	19.96	244	2029679	109.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	68673	34.948	ng	#	46
3) Pyridine	3.82	79	146622	26.791	ng		99
4) n-Nitrosodimethylamine	3.72	42	73798	41.209	ng	#	98
6) Aniline	7.29	93	176473	23.969	ng		98
8) 2-Chlorophenol	7.54	128	231085	53.177	ng		99
9) Benzaldehyde	7.09	77	124123	33.778	ng		95
10) Phenol	7.19	94	245678	42.265	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	215629	47.558	ng		97
12) 1,3-Dichlorobenzene	7.85	146	229270	43.904	ng		98
13) 1,4-Dichlorobenzene	7.99	146	235383	45.674	ng		94
14) 1,2-Dichlorobenzene	8.32	146	226496	45.695	ng		98
15) Benzyl Alcohol	8.21	79	242825	52.117	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	194582	45.212	ng		98
17) 2-Methylphenol	8.44	107	208523	47.927	ng		94
18) Hexachloroethane	9.04	117	89610	45.400	ng		89
19) n-Nitroso-di-n-propylamine	8.77	70	198383	50.865	ng		98
20) 3+4-Methylphenols	8.77	107	269552	45.496	ng	#	71
22) Acetophenone	8.78	105	366621	48.929	ng		95
24) Nitrobenzene	9.16	77	300945	48.451	ng		98
25) Isophorone	9.68	82	559132	48.972	ng		97
26) 2-Nitrophenol	9.88	139	136956	51.544	ng		93
27) 2,4-Dimethylphenol	9.96	122	229542	58.246	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	308983	51.603	ng		96
29) 2,4-Dichlorophenol	10.44	162	251302	54.000	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	271651	49.400	ng		97
31) Naphthalene	10.82	128	743750	50.485	ng		99
32) Benzoic acid	10.10	122	27404	18.112	ng		96
33) 4-Chloroaniline	10.94	127	38093	6.186	ng	#	91
34) Hexachlorobutadiene	11.11	225	183677	47.253	ng		98
35) Caprolactam	11.70	113	61826m	36.195	ng		
36) 4-Chloro-3-methylphenol	12.09	107	276599	52.746	ng		97
37) 2-Methylnaphthalene	12.43	142	563495	51.319	ng		96
38) 1-Methylnaphthalene	12.65	142	534947	51.575	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	328132	52.199	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	263784	72.702	ng		99
43) 2,4,6-Trichlorophenol	13.05	196	227248	52.040	ng		100
44) 2,4,5-Trichlorophenol	13.14	196	236080	47.310	ng		97
46) 1,1'-Biphenyl	13.43	154	727400	52.600	ng		99
47) 2-Chloronaphthalene	13.48	162	561559	50.007	ng		99
48) 2-Nitroaniline	13.69	65	179639	48.632	ng		87
49) Acenaphthylene	14.33	152	917615	50.873	ng		99
50) Dimethylphthalate	14.06	163	886427	57.416	ng		97
51) 2,6-Dinitrotoluene	14.18	165	173394	49.772	ng		96
52) Acenaphthene	14.67	154	615324m	50.963	ng		
53) 3-Nitroaniline	14.51	138	71127	20.084	ng		87
54) 2,4-Dinitrophenol	14.72	184	110482	50.568	ng		99
55) Dibenzofuran	15.00	168	880733	49.121	ng		97
56) 4-Nitrophenol	14.87	139	200194	74.666	ng		95
57) 2,4-Dinitrotoluene	14.97	165	238315	47.234	ng		98
58) Fluorene	15.65	166	717635	48.718	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	214366m	48.828	ng		
60) Diethylphthalate	15.42	149	756400	47.071	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	405520	48.109	ng		97
62) 4-Nitroaniline	15.68	138	148332	40.121	ng		97
63) Azobenzene	15.93	77	719655	48.029	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	109841	38.285	ng		93
66) n-Nitrosodiphenylamine	15.86	169	641097	54.202	ng		97
67) 4-Bromophenyl-phenylether	16.54	248	275269	51.604	ng		97
68) Hexachlorobenzene	16.66	284	299193	53.626	ng		97
69) Atrazine	16.81	200	241124	49.494	ng		97
70) Pentachlorophenol	17.02	266	266320	91.931	ng		97
71) Phenanthrene	17.39	178	1115838	51.886	ng		98
72) Anthracene	17.49	178	1145570	53.044	ng		98
73) Carbazole	17.76	167	1029342	48.896	ng		100
74) Di-n-butylphthalate	18.31	149	1223688	48.430	ng		99
75) Fluoranthene	19.40	202	1319538	48.240	ng		99
77) Benzidine	19.58	184	328720	27.014	ng		99
78) Pyrene	19.77	202	1315827	53.276	ng		98
80) Butylbenzylphthalate	20.65	149	533043	50.001	ng		100
81) Benzo(a)anthracene	21.59	228	1269112	52.581	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	225683	23.837	ng		99
83) Chrysene	21.66	228	1201580	51.774	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	745590	50.878	ng		99
85) Di-n-octyl phthalate	22.69	149	1247609	49.569	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1591973	52.456	ng	#	97
88) Benzo(b)fluoranthene	23.77	252	1330083	51.446	ng		100
89) Benzo(k)fluoranthene	23.83	252	1286399	52.961	ng		98
90) Benzo(a)pyrene	24.61	252	1222147	50.756	ng		98
91) Dibenzo(a,h)anthracene	28.40	278	1306134	53.980	ng		100
92) Benzo(g,h,i)perylene	29.45	276	1331924	55.039	ng		99

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

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