Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045185.D
Acq On : 28 Apr 2020 14:35
Operator : CG/JU
Sample : L2331-08MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-19AMS

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:34 AM

Quant Time: Apr 28 15:13:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61335	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	245521	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	189274	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	476096	20.00	ng		0.00
76) Chrysene-d12	21.65	240	452791	20.00	ng		0.00
87) Perylene-d12	24.82	264	484153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	498073	134.07	ng		0.00
7) Phenol-d6	7.16	99	653416	118.38	ng		0.00
23) Nitrobenzene-d5	9.15	82	473670	88.03	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	403546	138.01	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1127061	87.31	ng		0.00
79) Terphenyl-d14	19.99	244	2130630	102.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	74195	44.938	ng	#	62
3) Pyridine	3.86	79	141653	27.865	ng		94
4) n-Nitrosodimethylamine	3.76	42	74220	47.659	ng		93
6) Aniline	7.31	93	105625	14.718	ng		99
8) 2-Chlorophenol	7.56	128	197629	49.497	ng		99
10) Phenol	7.18	94	232070	42.015	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	194085	44.133	ng		98
12) 1,3-Dichlorobenzene	7.88	146	217026	46.127	ng		99
13) 1,4-Dichlorobenzene	8.02	146	218820	46.675	ng		97
14) 1,2-Dichlorobenzene	8.35	146	204037	45.492	ng		96
15) Benzyl Alcohol	8.23	79	193906	41.900	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	174479	40.418	ng		94
17) 2-Methylphenol	8.44	107	172858	40.561	ng		95
18) Hexachloroethane	9.08	117	82275	46.682	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	168388	43.137	ng		98
20) 3+4-Methylphenols	8.76	107	242908	40.722	ng		97
22) Acetophenone	8.81	105	301005	45.335	ng		99
24) Nitrobenzene	9.19	77	248628	45.077	ng	#	98
25) Isophorone	9.71	82	475658	43.166	ng		99
26) 2-Nitrophenol	9.91	139	115264	48.516	ng		98
27) 2,4-Dimethylphenol	9.97	122	176767	46.891	ng		94
28) bis(2-Chloroethoxy)methane	10.20	93	261677	45.198	ng		99
29) 2,4-Dichlorophenol	10.45	162	211345	48.553	ng		96
30) 1,2,4-Trichlorobenzene	10.66	180	228417	46.348	ng		93
31) Naphthalene	10.85	128	614681	45.765	ng		99
32) Benzoic acid	10.11	122	122260	41.189	ng		99
33) 4-Chloroaniline	10.96	127	24267	3.874	ng		96
34) Hexachlorobutadiene	11.14	225	155361	45.979	ng		98
35) Caprolactam	11.72	113	65915m	38.048	ng		
36) 4-Chloro-3-methylphenol	12.08	107	246652	48.236	ng		99
37) 2-Methylnaphthalene	12.46	142	473145	45.385	ng		97
38) 1-Methylnaphthalene	12.68	142	452692	45.997	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	259419	42.569	ng		99
41) Hexachlorocyclopentadiene	12.82	237	373602	98.086	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.07	196	197633	45.950	ng		98
44) 2,4,5-Trichlorophenol	13.15	196	207535	42.391	ng		98
46) 1,1'-Biphenyl	13.47	154	619418	43.057	ng		98
47) 2-Chloronaphthalene	13.51	162	479717	43.640	ng		98
48) 2-Nitroaniline	13.70	65	155106	42.886	ng		93
49) Acenaphthylene	14.36	152	809530	45.212	ng		99
50) Dimethylphthalate	14.08	163	702862	45.606	ng		99
51) 2,6-Dinitrotoluene	14.20	165	160621	46.596	ng		97
52) Acenaphthene	14.70	154	632362m	52.198	ng		
53) 3-Nitroaniline	14.53	138	40890	10.816	ng	#	99
54) 2,4-Dinitrophenol	14.74	184	215325	105.049	ng		95
55) Dibenzofuran	15.03	168	797733	45.166	ng		98
56) 4-Nitrophenol	14.85	139	228404	77.916	ng		95
57) 2,4-Dinitrotoluene	14.99	165	229010	45.460	ng		98
58) Fluorene	15.68	166	670739	46.493	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	214838	49.319	ng		98
60) Diethylphthalate	15.45	149	728916	45.364	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	369861	44.541	ng		98
62) 4-Nitroaniline	15.69	138	132023	33.668	ng		97
63) Azobenzene	15.96	77	682198	46.050	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	157087	50.197	ng		99
66) n-Nitrosodiphenylamine	15.89	169	565972	41.375	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	264544	43.071	ng		99
68) Hexachlorobenzene	16.69	284	286491	44.975	ng		99
69) Atrazine	16.83	200	148493	27.952	ng		98
70) Pentachlorophenol	17.03	266	361018	92.385	ng		99
71) Phenanthrene	17.42	178	1135784	46.424	ng		99
72) Anthracene	17.52	178	1163546	47.412	ng		100
73) Carbazole	17.78	167	1021134	41.002	ng		97
74) Di-n-butylphthalate	18.34	149	1317409	49.156	ng		99
75) Fluoranthene	19.43	202	1451006	51.326	ng		99
78) Pyrene	19.79	202	1434529	45.956	ng		99
80) Butylbenzylphthalate	20.68	149	588494	45.481	ng		99
81) Benzo(a)anthracene	21.63	228	1351242	46.043	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	87617	7.501	ng		92
83) Chrysene	21.69	228	1313175	46.571	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	834400	46.887	ng		99
85) Di-n-octyl phthalate	22.74	149	1405977	45.688	ng		100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1675142	44.745	ng	#	98
88) Benzo(b)fluoranthene	23.82	252	1472898	48.567	ng		98
89) Benzo(k)fluoranthene	23.89	252	1406888	48.781	ng		97
90) Benzo(a)pyrene	24.68	252	1312082	45.823	ng		98
91) Dibenzo(a,h)anthracene	28.50	278	1379079	47.798	ng		96
92) Benzo(g,h,i)perylene	29.56	276	1299607	44.928	ng		98

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

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