Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090120\
Data File : BG046489.D
Acq On : 1 Sep 2020 18:07
Operator : CG/JU
Sample : L3508-28MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-08-082820MS

Manual Integrations APPROVED
mohammad
9/2/2020 1:58:10 PM

Quant Time: Sep 01 18:45:24 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	64426	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	263289	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	202372	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	511120	20.00	ng		0.00
76) Chrysene-d12	21.56	240	504907	20.00	ng		0.00
86) Perylene-d12	24.66	264	538334	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	447423	123.00	ng		0.00
7) Phenol-d6	7.11	99	568977	110.34	ng		0.00
23) Nitrobenzene-d5	9.09	82	428658	93.05	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	375601	136.98	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1160130	87.51	ng		0.00
79) Terphenyl-d14	19.92	244	2000374	84.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	53543	35.382	ng	#	36
3) Pyridine	3.82	79	124631	28.148	ng		97
4) n-Nitrosodimethylamine	3.73	42	73828	45.209	ng		98
6) Aniline	7.25	93	202472	34.894	ng		99
8) 2-Chlorophenol	7.50	128	202955	52.792	ng		99
9) Benzaldehyde	7.07	77	100730	34.867	ng		99
10) Phenol	7.13	94	220809	46.492	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	182122	47.706	ng		100
12) 1,3-Dichlorobenzene	7.82	146	198970	40.764	ng		99
13) 1,4-Dichlorobenzene	7.97	146	202782	41.498	ng		99
14) 1,2-Dichlorobenzene	8.28	146	196606	41.961	ng		99
15) Benzyl Alcohol	8.17	79	184798	55.821	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	273467	46.182	ng		99
17) 2-Methylphenol	8.38	107	179541	53.305	ng		99
18) Hexachloroethane	9.01	117	67050	40.469	ng		93
19) n-Nitroso-di-n-propylamine	8.74	70	159448	51.695	ng		97
20) 3+4-Methylphenols	8.71	107	249494	53.666	ng		98
22) Acetophenone	8.75	105	303177	47.305	ng	#	99
24) Nitrobenzene	9.13	77	218446	47.999	ng		100
25) Isophorone	9.65	82	460674	54.546	ng		99
26) 2-Nitrophenol	9.84	139	124738	51.949	ng	#	95
27) 2,4-Dimethylphenol	9.91	122	208313	63.077	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	266474	49.021	ng		99
29) 2,4-Dichlorophenol	10.38	162	241627	54.884	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	222395	42.575	ng		99
31) Naphthalene	10.78	128	601947	46.824	ng		98
32) Benzoic acid	10.04	122	50976	25.939	ng		96
33) 4-Chloroaniline	10.89	127	96246	16.979	ng		97
34) Hexachlorobutadiene	11.07	225	134292	39.603	ng		98
35) Caprolactam	11.66	113	81371m	49.445	ng		
36) 4-Chloro-3-methylphenol	12.02	107	261919	60.827	ng		95
37) 2-Methylnaphthalene	12.38	142	510330	50.335	ng		98
38) 1-Methylnaphthalene	12.61	142	487274	50.738	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	302101	45.269	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	310557	107.023 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	236744	52.569 ng	97
44) 2,4,5-Trichlorophenol	13.07	196	263559	55.701 ng	99
46) 1,1'-Biphenyl	13.39	154	697960	49.571 ng	99
47) 2-Chloronaphthalene	13.44	162	545851	45.724 ng	100
48) 2-Nitroaniline	13.64	65	177450	53.532 ng	97
49) Acenaphthylene	14.28	152	923185	50.980 ng	100
50) Dimethylphthalate	14.02	163	814326	52.012 ng	99
51) 2,6-Dinitrotoluene	14.14	165	188440	54.601 ng	98
52) Acenaphthene	14.63	154	560281	49.929 ng	97
53) 3-Nitroaniline	14.46	138	120651	32.273 ng	99
54) 2,4-Dinitrophenol	14.68	184	192632	95.622 ng	96
55) Dibenzofuran	14.96	168	920398	51.108 ng	100
56) 4-Nitrophenol	14.79	139	289381	105.180 ng	98
57) 2,4-Dinitrotoluene	14.93	165	269363	54.737 ng	99
58) Fluorene	15.61	166	774458	51.238 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	261630	56.941 ng	98
60) Diethylphthalate	15.39	149	808586	52.970 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	423809	50.912 ng	97
62) 4-Nitroaniline	15.63	138	193290	49.002 ng	99
63) Azobenzene	15.90	77	665527	53.597 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	163364	56.469 ng	95
66) n-Nitrosodiphenylamine	15.82	169	723897	52.498 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	308238	51.691 ng	97
68) Hexachlorobenzene	16.63	284	323060	48.918 ng	98
69) Atrazine	16.77	200	277232	49.284 ng	99
70) Pentachlorophenol	16.97	266	377862	109.510 ng	98
71) Phenanthrene	17.35	178	1309773	50.556 ng	98
72) Anthracene	17.44	178	1342294	52.514 ng	98
73) Carbazole	17.71	167	1229218	50.934 ng	99
74) Di-n-butylphthalate	18.27	149	1387101	49.984 ng	98
75) Fluoranthene	19.36	202	1617093	48.503 ng	98
77) Benzidine	19.53	184	111085	9.468 ng	99
78) Pyrene	19.72	202	1623022	50.480 ng	99
80) Butylbenzylphthalate	20.61	149	642588	51.239 ng	96
81) Benzo(a)anthracene	21.54	228	1579381	50.186 ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	443053	37.936 ng	99
83) Chrysene	21.60	228	1516799	50.105 ng	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	885451	51.737 ng	99
85) Di-n-octyl phthalate	22.63	149	1537338	52.460 ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1941882	50.224 ng	100
88) Benzo(b)fluoranthene	23.68	252	1646783	48.991 ng	98
89) Benzo(k)fluoranthene	23.75	252	1581811	48.691 ng	98
90) Benzo(a)pyrene	24.51	252	1505293	47.986 ng	98
91) Dibenzo(a,h)anthracene	28.24	278	1583126	50.740 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1619959	51.994 ng	98

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

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