Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024646.D
Acq On : 29 Jan 2020 12:41
Operator : CG/JU
Sample : L1008-21MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-012420MS

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:46 AM

Quant Time: Jan 30 03:18:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	278007	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1071228	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	773764	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1769173	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1629339	20.00	ng	0.00
87) Perylene-d12	23.16	264	1548749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1476418	101.00	ng	0.00
7) Phenol-d6	6.65	99	1628661	80.88	ng	0.00
23) Nitrobenzene-d5	8.58	82	1330920	60.93	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1389780	110.42	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4000292	70.29	ng	0.00
79) Terphenyl-d14	19.50	244	7322340	83.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	159400	27.565	ng	# 50
3) Pyridine	3.48	79	198013	11.812	ng	92
4) n-Nitrosodimethylamine	3.38	42	200870	26.996	ng	89
6) Aniline	6.79	93	401918	16.395	ng	96
8) 2-Chlorophenol	7.02	128	618365	37.158	ng	93
9) Benzaldehyde	6.59	77	236199	19.850	ng	95
10) Phenol	6.67	94	601199	29.950	ng	97
11) bis(2-Chloroethyl)ether	6.89	93	519569	32.332	ng	93
12) 1,3-Dichlorobenzene	7.33	146	662857	32.423	ng	97
13) 1,4-Dichlorobenzene	7.47	146	680067	32.790	ng	98
14) 1,2-Dichlorobenzene	7.79	146	655534	32.744	ng	98
15) Benzyl Alcohol	7.69	79	518664	31.238	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.98	45	372204	25.300	ng	96
17) 2-Methylphenol	7.90	107	481536	34.041	ng	95
18) Hexachloroethane	8.50	117	239740	29.934	ng	93
19) n-Nitroso-di-n-propylamine	8.25	70	428745	28.356	ng	96
20) 3+4-Methylphenols	8.22	107	642301	32.801	ng	97
22) Acetophenone	8.26	105	869451	31.477	ng	96
24) Nitrobenzene	8.62	77	659135	31.489	ng	94
25) Isophorone	9.15	82	1205433	32.478	ng	97
26) 2-Nitrophenol	9.33	139	365202	37.678	ng	90
27) 2,4-Dimethylphenol	9.41	122	569599	43.245	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	730299	32.210	ng	99
29) 2,4-Dichlorophenol	9.86	162	717102	40.298	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	784744	36.565	ng	99
31) Naphthalene	10.25	128	1902198	35.158	ng	100
32) Benzoic acid	9.57	122	322706m	26.784	ng	
33) 4-Chloroaniline	10.37	127	139023	5.862	ng	96
34) Hexachlorobutadiene	10.55	225	522296	35.205	ng	98
35) Caprolactam	11.15	113	132261m	23.167	ng	
36) 4-Chloro-3-methylphenol	11.51	107	650994	34.404	ng	91
37) 2-Methylnaphthalene	11.87	142	1542654	36.946	ng	98
38) 1-Methylnaphthalene	12.10	142	1449047	36.484	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	972830	35.227	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1226497	79.236	ng		99
43) 2,4,6-Trichlorophenol	12.50	196	655753	37.315	ng		98
44) 2,4,5-Trichlorophenol	12.57	196	700593	39.036	ng		96
46) 1,1'-Biphenyl	12.92	154	2056643	35.122	ng		98
47) 2-Chloronaphthalene	12.95	162	1650609	34.916	ng		97
48) 2-Nitroaniline	13.16	65	392313	27.210	ng		87
49) Acenaphthylene	13.80	152	2594898	36.668	ng		100
50) Dimethylphthalate	13.57	163	2397989	38.326	ng		99
51) 2,6-Dinitrotoluene	13.67	165	488953	36.756	ng		88
52) Acenaphthene	14.16	154	1551170	35.323	ng		99
53) 3-Nitroaniline	14.00	138	255311	18.505	ng		91
54) 2,4-Dinitrophenol	14.21	184	512875	64.473	ng	#	89
55) Dibenzofuran	14.49	168	2634473	36.785	ng		97
56) 4-Nitrophenol	14.33	139	692184	64.180	ng		87
57) 2,4-Dinitrotoluene	14.47	165	675876	35.451	ng	#	85
58) Fluorene	15.14	166	2143129	35.609	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	682274	37.487	ng		95
60) Diethylphthalate	14.95	149	2163469	34.059	ng		98
61) 4-Chlorophenyl-phenylether	15.15	204	1223453	35.259	ng		99
62) 4-Nitroaniline	15.17	138	437958	28.757	ng		93
63) Azobenzene	15.44	77	1676278	30.937	ng		95
65) 4,6-Dinitro-2-methylphenol	15.24	198	386641	37.169	ng		85
66) n-Nitrosodiphenylamine	15.37	169	1910128	37.587	ng		99
67) 4-Bromophenyl-phenylether	16.04	248	823572	37.433	ng		97
68) Hexachlorobenzene	16.16	284	954897	37.822	ng		97
69) Atrazine	16.34	200	754273	38.667	ng		98
70) Pentachlorophenol	16.50	266	1170678	76.124	ng		99
71) Phenanthrene	16.89	178	3467948	36.199	ng		99
72) Anthracene	16.97	178	3533726	37.697	ng		99
73) Carbazole	17.24	167	3025967	35.459	ng		100
74) Di-n-butylphthalate	17.84	149	3739395	34.276	ng		99
75) Fluoranthene	18.91	202	4249753	35.541	ng		98
77) Benzidine	19.10	184	1264464	33.323	ng		99
78) Pyrene	19.27	202	4297314	40.008	ng		100
80) Butylbenzylphthalate	20.21	149	1606512	35.644	ng		93
81) Benzo(a)anthracene	21.03	228	4082171	36.098	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	922807	22.685	ng		99
83) Chrysene	21.09	228	3895927	36.105	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	2297940	34.554	ng		97
85) Di-n-octyl phthalate	21.86	149	3666628	33.372	ng		97
86) Indeno(1,2,3-cd)pyrene	25.23	276	3806905	32.368	ng		99
88) Benzo(b)fluoranthene	22.54	252	3902182	38.848	ng		99
89) Benzo(k)fluoranthene	22.58	252	3575493	36.467	ng		99
90) Benzo(a)pyrene	23.07	252	3274812	35.859	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	3246612	37.455	ng		99
92) Benzo(g,h,i)perylene	25.85	276	3169371	40.268	ng		99

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

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